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62.73

Wholesale Price-List

MICHELL'S SEEDS

BULBS, PLANTS, FERTILIZERS, GARDEN TOOLS,
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

January to July

1917

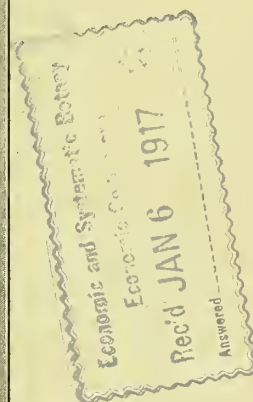
TELEPHONES

BELL—Lombard { 4220 4222 4224
4221 4223 4225

KEYSTONE—Main 3600 3601



Petunia, Michell's Monstrosus



SINGLE PETUNIA "MICHELL'S MONSTROSUS" (Mixed Colors)

A strain that produces gigantic blooms of wonderful texture, and marvelous colors. It is a combined mixture of European and American varieties, each selected for size and brilliancy. Petunias are a highly important crop with the florist who has a pot plant trade and the best is none too good. In 1916 we offered this strain as a novelty and by reason of the splendid reports we have had therefrom we concluded to make it a leader for 1917. We predict a big demand for it and fear in fact we may not have enough seed to meet it, so we will suggest "Early Ordering." You need this Petunia. Per 1/2 Trade Pkt. 60c., \$1.00 per Trade Pkt.

TESTIMONIAL ON MICHELL'S PETUNIA

Dear Sirs:—I wish to tell you I have been buying Petunia seed for 20 years, and the best I could see advertised. What I received from you this spring proved to be a superior variety of colors and produced the largest flowers I ever saw, my customers were delighted.

Yours truly,
H. E. R. & SON.

See Flower Seed Pages under heading of Petunia for an up-to-date list of this popular flower.

HENRY F. MICHELL, President

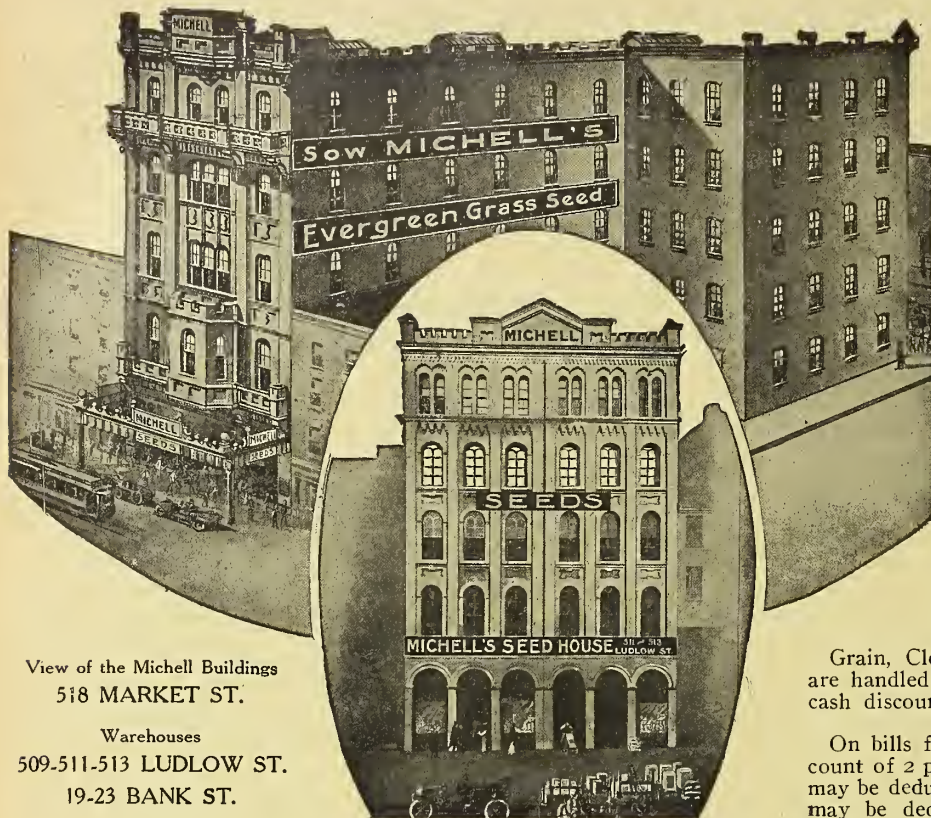
FRED'K J. MICHELL, Vice-President

HENRY F. MICHELL CO.

Warehouses { 509-511-513 Ludlow Street
21-23 Bank Street

518 Market Street, Philadelphia

Greenhouses and Nurseries, Andalusia, Pa.



View of the Michell Buildings
518 MARKET ST.

Warehouses
509-511-513 LUDLOW ST.
19-23 BANK ST.

REGARDING SHIPMENTS C. O. D.

We cannot make shipments of Plants or Cold Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our wagon delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

TRANSPORTATION ADVANTAGES POSSESSED BY PHILADELPHIA

Freight—The Pennsylvania R. R., Philadelphia & Reading R. R., Lehigh Valley R. R., and the Baltimore & Ohio R. R. all have terminals in Philadelphia. Several of them touch with their own lines extreme North, South and West.

The Michell Organization

Consists of a large five store building used as sales and storerooms, shipping department and offices at 518 Market Street, 511 and 513 Ludlow St., a four-story warehouse at 509 Ludlow St., another one at 21-23 Bank Street, with a staff of employees varying from 100 to 125 (sometimes more); a nursery comprised of 50 acres of highly cultivated land, 16 modern greenhouses, over 1,500 plant frames, and a staff of employees varying from 30 to 45 men. "We can serve you right."

BUSINESS TERMS

We especially invite Charge Accounts.

A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to Dun's or Bradstreet's Mercantile Agency.

When sending your first charge order, refer preferably to some one in either your own or our line of business with whom you have a charge account. This frequently saves delays.

NET CASH ITEMS

Grain, Clover, Bird and Farm Seeds, also Fertilizers, are handled on very close margins and are sold with no cash discount.

DISCOUNTS

On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2 per cent. for payment 10 days from date of bill may be deducted, if cash accompanies the order 3 per cent. may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotation unless otherwise agreed upon.

All contracts and acknowledgments are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Company endeavors to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they can be returned to us within ten days.



Seed Testing at Michell's Nurseries. We annually test for vitality thousands of varieties of flower and vegetable seeds to enable us to check up our growers' reports and thus be assured of giving our customers the best seeds obtainable. This is an important factor with the man who plants for profit.

Boat Connections—The Clyde Line S. S. Co., The Merchants & Miners S. S. Co. all sail direct from Philadelphia. The connections of the Clyde Line with the Mallory Line serve extreme southern points. Boat transportation affords one of the quickest and most economical ways in existence to-day for shipping goods.

Express Service—Philadelphia is served by express service of the Adams, Wells-Fargo, and American Express Companies, which reach every part of the United States. Seeds Plants and Bulbs enjoy a special express rate, lower than what is demanded for carrying general merchandise.

PARCEL POST

This method provides a quick, reasonably safe and inexpensive transportation of such goods as will be accepted by Parcel Post, such as flower, vegetable, grass and field seeds and many sundries; liquid preparations cannot be mailed with safety.

Special Announcement of Discontinuance of Consignment Terms



To conform to modern business practice we have been obliged to discontinue the consignment business; (effective January 1st, 1917) and thereafter ALL MERCHANDISE WILL BE SOLD ON AN OUTRIGHT BASIS ONLY; NOT RETURNABLE.

SPECIAL

It will be observed that the profit in buying seeds and other merchandise outright is very attractive: in fact, the prices at which we sell you the Vegetable, Flower and White Clover Seeds in Packets are about cost, it being our desire to distribute them through reliable stores as an advertisement, which will bring other business to your establishment.

Note that you can buy as few as a dozen packets of Seed, or six boxes of Grass Seed, Bone Meal, Sheep Manure, Lemon Oil Insecticide, Sulpho Tobacco Soap or Plant Food.

Please note, however, that the prices quoted are for not less than one-half dozen of any of the items quoted, as these rates are all special and lower than our regular wholesale list: also please note that the prices quoted on flower and vegetable seeds are for Illustrated Packets only as per list below. If, however, your customers want items in our list not offered here we will cheerfully supply them at our wholesale rates.

Show cards will be supplied free; and Display Cases (which are returnable for credit if in good order, prepaid) can be supplied at the following prices:

- No. 1 Small, for Flower Seeds only, capacity 100 to 150 packets, \$1.25.
- No. 2 Medium, for Vegetable Seeds only, capacity 150 to 200 packets, \$1.50.
- No. 3 Large, combination for Flower and Vegetable Seeds, capacity 150 to 200 packets, \$2.00.
- No. 4 Cabinet Size, combination for Flower and Vegetable Seeds, capacity 200 to 250 packets, \$5.00.

In order to make this as attractive and profitable as we can, and with the understanding that our retail prices (as quoted in our current catalogs) will be maintained, we will supply the seeds referred to below at the following prices.

RETAIL 5¢ ILLUSTRATED PACKETS

Michell's Flower, Vegetable and White Clover Seeds
\$0.25 per doz. packets Pkts. of 1 or in combination
1.75 " 100 " 50 at 100 rate
15.00 " 1000 " 500 at 1000 rate

The above price covers also Gilt Edge Mixture of Sweet Peas, also Nasturtium Tall and Dwarf in regular mixture.

List of Vegetable Seeds Put up in Illustrated Packets Obtainable at the above Prices

Beets	Corn, early	Okra	Sage
Beans	Corn, late	Onion, yellow	Salsify
Beans (pole lima)	Corn Salad	Onion, white	Squash
Beans (bush lima)	Egg Plant	Parsley	Spinnach
Cabbage, early	Endive	Pepper	Summer Savory
Cabbage, late	Kohl-Rabi	Peas, early	Sweet
Carrots, early	Kale	Peas, late	Marjoram
Carrots, late	Lettuce, head	Parsnip	Thyme
Cucumber	Lettuce, curled	Radish (round white)	Tomatoes, early
Celery	Leek	Radish, rd. red	Tomatoes, late
	Musk Melon	Radish, long red	Turnips
	Melon (Water)		

List of Flower Seeds Put up in Illustrated Packets Obtainable at the above Prices

Ageratum	Castor Oil Bean	Hyacinth Bean	Poppy
Antirrhinum	Celosia	Larkspur	Portulaca
Alyssum	Chrysanthemum	Lobelia	Scabiosa
Aster	Cobaea	Marigold	Scarlet Sage
Balloon Vine	Cornflower	Mignoneite	Straw Flowers
Balsam	Cosmos	Moonflower	Stocks
Balsam Apple	Cypress Vine	Morning Glory	Sunflower
Calendula	Flower Seeds, in mixture	Nasturtium, dwarf	Sweet Peas
California Poppy	Forget-Me-Not	Nasturtium, tall	Sweet William
Calliopsis	Four O'clock	Pansy	Thunbergia
Candytuft	Gaillardia	Petunia	Verbera
Canary Bird Vine	Gourds	Phlox	Wild Cucumber
Carnation	Hollyhocks	Pinks	Zinnia

SPECIAL NOTICE

We reserve the right to withdraw these special prices where our retail prices are not maintained.

	Dozen	100	1000	Retail Price Each
Michell's Fairmount Park Grass Seed, Pint Boxes.....	\$0.60	\$4.00	\$37.50	\$0.10
Michell's " " " Quart Boxes.....	1.20	8.00	75.00	.20
Michell's Evergreen Lawn Grass Seed, Pint Boxes.....	1.00	8.00	75.00	.15
Michell's Evergreen " " " Quart Boxes.....	2.00	15.00	140.00	.25
Michell's Shaded " " " Pint Boxes.....	1.00	8.00	75.00	.15
Michell's Shaded " " " Quart Boxes.....	2.00	15.00	140.00	.25
Michell's Sheep Manure, 2-lb. Boxes.....	1.20	9.00		.15
Michell's " 5-lb. Boxes.....	2.00	16.00		.25
Michell's Plant Food.....	1.00	8.00		.15
Michell's Bone Meal, 3-lb. Boxes.....	1.60	12.50		.20
Michell's " 5-lb. Boxes.....	2.40	19.00		.30
Michell's " 10-lb. Boxes.....	4.50	37.00		.50
Michell's Lemon Oil Insecticide, 1/2 Pint Cans.....	2.10	16.00		.25
Michell's Sulpho Tobacco Soap, 3-oz. Cakes.....	.85			.10
Michell's " 8-oz. Cakes.....	1.70			.20
Michell's Aphine (Insecticide), 1/4 Pint Cans.....	2.40			.25

HENRY F. MICHELL CO., 518 Market Street, Phila.

Index to Contents of Michell's 1917 Spring Wholesale Catalog 1

SEEDS		PAGE	SEEDS		PAGE	SEEDS		PAGE	SEEDS		PAGE
Clovers	58		Geum	78		Tanacetum	83		Garden Reels	93	
Farm Seeds	57, 58		Gillenia	78		Thalictrum	83		Garden Line	93	
Flower Seeds	2-35		Gladiolus	64, 65		Thermopsis	83		Getz-there Soap	104	
Grass Seeds	56, 57		Gloxinia	60		Trillium	83		Glass Cleaners	101	
Vegetable Seeds	36-55		Grasses (Ornamental)	78		Tritoma	83		Glass Cutters	100	
PLANTS AND BULBS			Gypsophila	78		Troilus	83		Glazing Cement	100	
Achillea	72		Helenium	78		Tuberose	66		Glazing Clamps	100	
Aconitum	72		Helianthus	78		Tunica	83		Glazing Points	100	
Actinidia	84		Heliopsis	78		Valeriana	83		Gloves	91	
Adenophora	72		Hemerocallis	78		Verbascum	83		Grafting Tool	90	
Adonis	72		Hepatica	78		Veronica	63		Grafting Wax	90-101	
Aegopodium	72		Hesperis	78		Verbena	89		Grape Dust	104	
Aetheopappus	72		Huechera	78		Viburnum	85		Grass Catchers	88	
Agrostemma	72		Hibiscus	78		Vinca	83		Grass Shears	88	
Akebia	84		Hieracium	78		Viola	83		Greenhouse White	100	
Althaea	85		Hierchocks	78		Vitex	85		Guan	106	
Alyssum	72		Honeysuckle	84		Weigelia	85		Handy Gardener	90	
Amariyllis	59		Hop Vines	84		Wistaria	84		Hanging Baskets	94	
Ampelopsis	84		Hyacinthus	60		Yucca	83		Harrows	87	
Amegdulus	85		Hyperandra	85, 69		Zephyranthes	59		Hedge Shears	90	
Anchusa	72		Hypericum	79		MISCELLANEOUS			Hedge Trimmer	90	
Andromeda	85		Iberis	79		Acid Phosphate	106		Hellebore	104	
Anemone	72		Incarvillea	79		Alphano-Humus	106		Hoes	92	
Anthemis	73		Inula	79		Antipest	104		Horn Shavings	107	
Anthericum	73		Iris	79		Animal Bone and Potash	106		Horse Manure	106	
Aquilegia	73		Ivy	84		Ant Exterminator	104		Hose Bands	96	
Arabis	73		Jasminum	84		Aphine	104		Hose Connections	95-97	
Arenaria	73		Kalmia	85		Aphis Punk	104		Hose Couplings	96-97	
Aristolochia	84		Kerria	85		Aprons	96		Hose Menders	96, 97	
Armeria	73		Kudzu Vine	84		Arsenate of Lead	104		Hose Nozzles	97	
Artemisia	73		Lathyrus	84		Asbes	106		Hose Reducers	97	
Asclepias	73		Lavandula	79		Asparagus Bunchers	93		Hose (Rubber) 3rd cover	96	
Asters	73		Liatris	79		Asparagus Fertilizers	106		Hose Washers	96	
Asilbe	73		Lilacs	66		Asparagus Knives	93		Hotbed Mats	95	
Aubrietia	73		Lilies	66		Asparagus Tape	93		Hotbed Sash	101	
Azalea	84		Lily of the Valley	66, 79		Automobile Heaters	98		Humus	106	
Baptisia	73		Linaria	79		Auto-Sprayer	91		Hyacinth Stakes	103	
Begonia	59		Linum	79		Barrels	91		Hydrant Attachment	97	
Bellis	85		Lobelia	85		Baskets	93, 94		Hydrocyanic Acid Gas	105	
Berberis	85		Lonicera	79		Basic Slag	106		Hydrometer	104	
Bignonia	84		Lupinus	79		Bellows	99		Insecticides	104, 105	
Bocconia	73		Lychnis	79		Black Leaf No. 40	104		Iron Age Tools	86, 87	
Boltonia	73		Lycium	84		Blood (Dried)	106		I. X. L. Compound	104	
Boxwood	85		Lysimachia	79		Blood Flour	106		Kainit	107	
Buddleia	67-73		Lythrum	79		Bone Arbor	106		Kerosene Emulsion	104	
Butterfly Bush	1st cover, 67-85		Madeira Vines	66		Bone (Ground)	106		Kil-o-Seal	104	
Caladium	60		Maple	85		Bone Meal	106		Kirke System	90	
Calimeris	73		Matricaria	68, 78		Bone (Cracked)	106		Knives	93	
Callas	59		Mertensia	79		Bone Flour	106		Labels	97	
Callirhoe	73		Mexican Vines	66		Bordeaux-Arsenate	104		Ladders	90	
Caltha	73		Monarda	79		Bordeaux Mixture	104		Land Plaster	107	
Calyceanthus	85		Montbretia	66, 79		Boro-Wax	104		Lawn Cleaner	89	
Campanula	76-68		Myosotis	79		Boxes	94		Lawn Dressing	107	
Carnations	67-73		Nierembergia	79		Brooms	89-95		Lawn Mowers	88	
Caryopteris	73		Oenothera	79		Bug Death	104		Lawn Rakes	92	
Cassia	73		Ononis	82		Bulb Pans	102		Lawn Rollers	88	
Catananche	73		Onopordon	82		Cane Stakes	102		Lawn-Sand	107	
Cedronella	76		Orobis	82		Carbolineum	102		Lawn Seeders	89	
Celastrus	84		Oxalis	66		Carnation Dye	101		Leaf Mould	101	
Centaurea	76		Pachysandra	82		Carnation Menders	94-101		Leaf Racks	91	
Cephalaria	76		Paeonies	80		Carnation Supports	101		Lemon Oil Insecticide	104	
Cerastium	76		Pancratium	60		Cattle Manure	106		Lime (Hydrated)	107	
Ceris	85		Pardanthus	82		Celery Brushes	101		Limestone	107	
Chamaepeuce	76		Pentstemon	82		Celery Hiller	87		Lime-Sulphur	104	
Chelone	76		Philadelphus	85		Celery Paper	93		Liquid Manure Distributor	95	
Chionanthus	85		Phlox	81		Celery Tape	101		Lopping Shears	90, 91	
Chrysa	76		Physalis	82		Cemetery Hooks	94		Manures	106, 107	
Chrysanthemums	67-76, 74		Physostegia	82		Cemetery Vases	102		Mapes Fertilizers	107	
Cimicifuga	76		Pinks	82		Charcoal	101		Marking Rakes	92	
Cinnamon Vines	76		Platycodon	82		Chrysanthemum Manure	106		Mastica	100	
Clematis	84-76		Plumbago	82		Clay Fertilizer	106		Mastica Machine	100	
Corcopsis	76		Polemonium	82		Coal (for Wagon Heaters)	95		Mehlur Tools	90	
Coronilla	76		Polygonum	84		Coal Tar	82		Moss	101	
Cornus	85		Poppy	82		Cocoonat Fibre	101		Mowers	88	
Cycas	60		Potentilla	82		Copperas	106		Mulford's Cultures	107	
Cyclamen	68		Primula	69, 82		Copper Solution	104		Muriate of Pota h	107	
Cytisus	85		Privet	85		Copper Strainer	99		Nails	93	
Dahlia	62, 63		Prunella	82		Cotton Seed Meal	106		Nicotide	104	
Delphinium	77		Pyrethrum	82		Cow Manure	106, 4th cover		Nikofume	105	
Deutzia	85		Pyrus	85		Cultivators	86-87		Nikotiana	104	
Dictamnus	76		Ranunculus	82		Cultivator Teeth	87		Nikoteen	104	
Dielytra	76		Rhododendron	84		Cut Flower Boxes	94		Nitrate of Soda	107	
Digitalis	76		Rhus	85		Cut Worm Destroyer	104		Nozzle Holders	97	
Doronicum	76		Rosemary	82		Cyanide Potassium	104		Nozzles	97-99	
Echinops	76		Roses	70-71		Dahlia Stakes	103		Oil (for Mowers)	88	
Edelweiss	76		Rudbeckia	82		Dalmation Powder	104		Orchid Receptacles	102	
Elaeagnus	85		Salvia	82		Daylite Glass Cleaner	101		Pans	102	
Epimedium	76		Sambucus	85		Dibbles	92		Paper	93, 94, 101	
Eremurus	76		Saponaria	82		Dissolved Bone	106		Paper Pots	102	
Erica	85		Satureia	83		Dowels	103		Paris Green	105	
Erigeron	76		Scabiosa	83		Drill Markers	87		Paris Green Shakers	99	
Eryngium	76		Schizophragma	84		Dusters	99		Peat	101	
Eupatorium	76		Scutellaria	83		Earthworm Destroyer	103		Pebbles	101	
Euphorbia	76		Sedum	80		Extension Pipes	99		Pencils (Indelible)	97	
Euponymus	84		Senecio	83		Farmogerm	106		Persian Powder	104	
Exochorda	85		Shasta Daisy	76		Fern Dish Liners	102		Phosphate	107	
Fern Balls	60		Shrubs	85		Fern Stakes	103		Plant Food	107	
Ferns	78		Silene	83		Fertilizers	106, 107		Plant Stakes	103	
Feverfew	78		Solidago	83		Fertilizer Distributor	89		Plant Stands	95	
Forsythia	85		Spiraea	83, 85		Fertilizer Drill	86		Plant Tubs	3rd cover, 102	
Funkia	78		Stachys	83		Fibre Vases	94		Planet Jr., Tools	86-87	
Gaillardia	78		Staphylea	85		Fir Tree Oil Soap	104		Plows	86	
Galega	78		Static	83		Fish Guano	106		Post Hole Diggers	90	
Gentiana	78		Stokesia	83		Fish Oil Soap	106		Pot Labels	97	
Geranium	68, 78		Sweet William	83		Flower Pots	102		Pot Hangers	102	
			Sylphium	83		Forks	91		Potato Manure	107	
			Symphoricarpus	85		Fumigators	99		Pots	102	
			Tamarix	85		Fungine	104		Poudrette	107	
						Garden Markers	97		Powder Guns	99	
									Protecting Cloth	97	
									Pruners	91	

Pruning Compound	91
Pruning Gloves	91
Pruning Saws	91
Pruning Shears	91
Pumps	98-99
Putting Green Rollers	89
Putty Bulbs	100
Putty	100
Pyrox	105
Rafia	103
Rakes	92
Rat Corn	105
Readena	105
Reels	93, 97
Rollers	88, 89
Rolling Stands	102
Roofing Paper	93
Rubber Aprons	96
Rubber Hose	96
Rubber Sprinklers	94, 97, 101
Rubbish Consumers	90
Salt	107
Sand	101
Sash	101
Saucers	102
Saws	91
Scale Destroyer	105
Scalecide	105
Scythes	88
Seed Pans	102
Seeders	86, 89
Shaderine	100, 101
Shading Cloth	99
Sharpening Stones	88
Shears	88, 90
Sheep Manure, 4th cover, 101	
Shovels	90
Shoo-Fly	101
Sickles	88
Sieves	90
Slug Shot	90
Soap Spray	90
Sod Crusher	90
Sod Cutters	89
Sod Perforators	90
Sod Tampers	90
Soil	101
Soil Pulverizer	90
Soot	90
Spades	90
Shading Forks	90
Spray Nozzles	97, 99
Sprayers	90
Sprinklers	94, 97, 101
Stake Fasteners	90
Stakes	101
Strainers	90
Straw Mats	90
Styptic	101, 102
Sulphate of Ammonia	101
Sulphate of Copper	101
Sulphate of Potash	101
Sulpho-Tobacco Soap	101
Sulphocide	101
Sulphur	101
Sulphur Blower	90
Sulphur Candles	90
Syringes	90
Tankage	90
Tar Paper	90
Thermometers	101
Thermostat	101
Thomson's Manure	101
Thrip Juice	101
Thymo-Cresol	101
Tinfoil	101
Tobacco Dust	101
Tobacco Soap	101
Tobacco Stems	105, 106
Tobakine	101
Toothpicks	101
Tree Labels	90
Tree Pruners	90
Tree Scrapers	90
Tree Tanglefoot	90
Trowels	90
Tubs	3rd cover, 101
Twine	101
Vapor Cones	101
Vaporite	101
Vaporizing Lamp	94, 99
Vases	99, 101
Vermine	101
Violet Boxes	90
Wagon Heaters	90
Water Barrels	90
Water Cans	90
Weed Killers	90
Weeders	89, 90
Whale Oil Soap	101
Wheat Fertilizer	90
Wheel Hoes	86, 88
Wheelbarrows	90
Wire	90
Wire Designs	101
Wire Snips	101
Wood Ashes	106, 107
Worm Eradicator	101
Worm Destroyer	90
Wreath Boxes	90
Zementine	101
Zenoleum	101

2 Michell's Novelties and Specialties in Flower Seeds for 1917

For General List of Flower
Seed see pages 8 to 35

NEW SEMI-DWARF ANTIRRHINUMS

This type is becoming very popular for bedding purposes owing to their dwarf and compact habit of growth; height about 18 inches.

Captivation A charming rich chamois shaded pink, a unique color. Flowers large; free bloomer.

Per pkt., 20c.; 55c. per 3 pkts.

Golden Beauty Very large rich golden yellow flowers; plants of good habit, with long, sturdy spikes.

Per pkt., 20c.; 55c. per 3 pkts.

Mauve Beauty Flowers large, shade of rosy mauve, and of a lovely

Per pkt., 25c.; 65c. per 3 pkts.

Pink Gem A lovely clear rose pink with white throat; very showy and distinct.

Per pkt., 20c.; 55c. per 3 pkts.

Spittfire A very bright orange scarlet self, the brightest color in this class yet offered; plants are of compact habit and free flowering.

Per pkt., 20c.; 55c. per 3 pkts.

The Bride Pure white, without any yellow on lip.

Per trade pkt., 25c.

See page 9 for
General List of An-
tirrhinums.



Semi-Dwarf Antirrhinum (Snapdragon)

Dwarf Alyssum—Lilac Queen

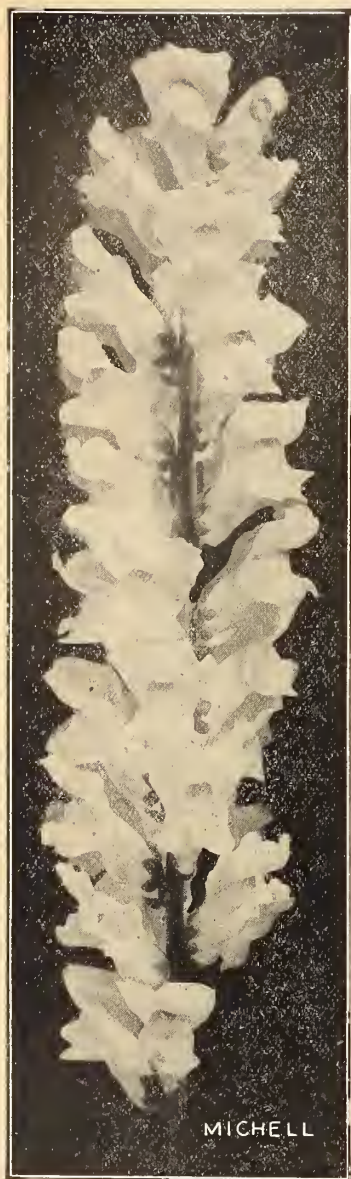
A distinct new variety of the annual Sweet Alyssum, with pure lilac flowers. The plants are of dwarf, compact, upright growth. Useful for carpet bedding and edgings.

Per trade pkt., 30c.; \$1.00 per oz.

Dwarf Yellow Alyssum—Lutescens

Of dwarf, compact, upright growth, bearing a profusion of yellowish-colored flowers.

Per trade pkt., 30c.; \$1.00 per oz.



Giant Antirrhinum (Snapdragon)

NEW GIANT SNAPDRAGON

(Antirrhinum)

Michell's Salmon Pink

A valuable addition to this popular florist's flower; the plants grow to a height of 2 to 3 feet and produce extra long spikes of large flowers; color a delicate salmon pink.

Per trade pkt., 30c.; \$2.25 per oz.

NEW ASTER

Michell's Pink Superb

This new and valuable variety of Aster is really "Superb" in every sense of the word. The flowers are of immense size, petals long and broad, those in the centre being curled and incurved to such an extent that the crown is completely covered; the general appearance of the flower being that of an immense flat Chrysanthemum. Color a beautiful pink; flowers are borne on long stems, making it a valuable sort for cutting.

Per trade pkt., 50c.; \$5.00 per oz.



Pink Superb Aster

Michell's Novelties and Specialties in Flower Seed ³



New Astermum

New Astermum

A new Aster originating in the State of Illinois; a mid-season variety. The plant grows straight up with strong sturdy stems, starting near the base and reaching from 18 to 24 inches, and owing to the symmetry of the plant they may be set more closely than other varieties. Each plant yields from **ten to fifteen blooms**, large and double, which last a long while after being cut.

	Trade pkt.	Oz.		Trade pkt.	Oz.
White	\$0.50	\$2.25	Lavender	\$0.50	\$2.25
Shell Pink .....	.50	2.25	Mixed .....	.50	2.25
Rose Pink .....	.50	2.25			

Aster, Peerless Pink

This is one of the finest of the late branching types, but comes into bloom a little earlier; the plants are of robust habit and produce on long stems a profusion of large, double flowers of a rich shell pink color, very similar in shade to the Mary Semple variety.

Per trade pkt., 40c.; \$2.00 per oz.

Begonia "Gromanii"

A new variety originating in Michigan; we quote the description as given us by the originator: "A great improvement on Begonia Vernon; foliage a beautiful bronze green; color of flowers red (very near Christmas red). We have been selecting the best plants for seed for ten years and feel confident that we have the color fixed, so that every plant will produce red flowers."

Per original pkt., \$1.00.

The Cardinal Climber

(Ipomoea Quamoclit Hybrida)

A distinct and valuable novelty, and one of the most beautiful climbers; the result of a cross between Ipomoea Quamoclit or Cypress Vine and Ipomoea Coccinea. A very rapid grower and free bloomer; leaves dark green and deeply lacinated; bears a **great profusion of fiery, cardinal red flowers** which are about 1½ inches in diameter. In order to have good germination of the seed a small notch should be filed or cut in each seed.

Per trade pkt., 50c.; \$3.00 per oz.



Artemisia or Summer Fir

Artemisia Sacrorum Viridis (Summer Fir)

This new ornamental foliage plant from China is an annual of very quick growth; pyramidal bushes 3 to 5 feet high; may be grown in groups or borders; also pretty as a pot plant; foliage fine and of a rich dark green; cut branches last a long while after being cut and can be used for decorations, etc.

Per trade pkt., 25c.; 75c. per oz.

See pages 10 and 11 for
General List of Asters



Cardinal Climber

4 Michell's Novelties and Specialties in Flower Seeds



Celosia—Pride of Castle Gould

CELOSIA PLUMOSA **Pride of Castle Gould**

A distinct type of *Celosia Plumosa* and of great value, both as a pot plant and for bedding. Plants are of pyramidal growth, about 2 to 3 feet high; **immense flower heads**, closely resembling ostrich plumes; colors are blood red, carmine, yellow, orange, golden, orange scarlet, etc., in mixture.

Per trade pkt., 30c.

CENTAUREA CYANUS **Double Blue**

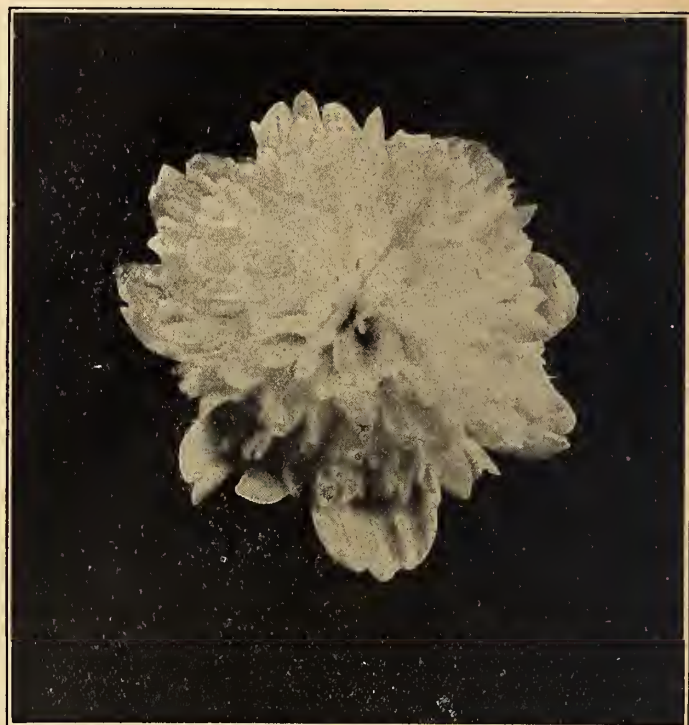
This variety introduced a few years ago is now a standard sort, and is of great value to the florist as a cut flower. It is identical in color to the single variety which has always been popular, but is more desirable on account of the double flowers.

Per trade pkt., 15c.; 65c. per oz.

DIMORPHOTHECA AURANTIACA **New Hybrids Mixed**

An extremely showy annual; the plants are of branching habit, growing 12 to 15 inches high and flowering profusely; its Marguerite-like blossoms are 2½ to 2¾ inches in diameter. These hybrids vary in color from white to red, and tints of sulphur, lemon and golden yellow, orange, salmon, etc.

Per trade pkt., 30c.; \$1.25 per oz.



New Double Cosmos

NEW DOUBLE COSMOS

A most Striking and Valuable Novelty

An entirely new race of this popular flower; we offered this last season for the first time, and have excellent reports from a large number of our customers of the good results obtained. A large percentage of the flowers come double, and the few singles produced are extra fine.

	Trade Pkt.	¼ Oz.	Oz.
Double Pink Beauty	..\$0.40	\$1.00	\$3.00
Double White Queen	..40	1.00	3.00
Double Red Beauty	Per pkt. of 15 seeds, 50c.		

LEPTOSYNE—MARITIMA

One of the quickest growing annuals, blooming in six weeks after sowing the seed. The plants grow from 1½ to 2 feet high; flowers are golden yellow and somewhat resemble a *Coreopsis*; excellent for cutting.

Per trade pkt., 30c.; \$1.25 per oz.

LOBELIA HYBRIDA **Sapphire**

This new trailing variety is of remarkably **strong growth**; the flowers are unusually large for a *Lobelia*, measuring **three-quarter inch across**, and are thickly set on the long, graceful sprays of foliage; color of flowers **intense deep blue** with large and clearly defined white eye. A well-grown plant covered with these lovely blue oculate flowers makes a splendid sight.

Per trade pkt., 40c.



Lobelia Hybrida—Sapphire

Michell's Novelties and Specialties in Flower Seeds ⁵

LARGE FLOWERING DWARF

PHLOX DRUMMONDII—Cecily

A large flowering strain of this valuable annual. The plants grow to a height of 6 to 8 inches and bloom profusely; the broad, rounded heads as well as the individual florets are of large size; all colors mixed.

Per trade pkt., 50c.; \$1.75 per oz.

Gladstone, Mich., March 15, 1915.

Gentlemen:—Inclosed find money order to cover the above order of seeds. Your flower seeds were received and planted and are now potted up and growing vigorously; it is a great satisfaction to have such perfect seed.

Yours truly,

F. K.



Petunia—Ideal

LARGE FLOWERING DWARF

PETUNIA—Ideal

A magnificent new dwarf strain of large flowered Petunia. The plants, which are of strong, robust growth, are 12 to 15 inches in height, and produce enormous flowers, many of which measure 6 inches in diameter, and of varied and exquisite coloring. An ideal pot plant.

Per pkt., 25c.; 65c. per 3 pkts.

NEW GIANT FRINGED PRIMROSE

(*Primula Sinensis Fimbriata*)

Pink Pearl

A handsome addition to the Giant class of Primulas. Flowers of immense size and substance, and of a charming shade of brilliant rose relieved by a delicate greenish yellow eye, the fringed petals are well overlapped and slightly undulated. The trusses are displayed well above the foliage, which is of a very pleasing tint.

Per pkt., 35c.; \$1.00 per 3 pkts.



Primula—Malacoides Superba

PRIMULA—Malacoides Superba

A new and improved variety of the Primula Malacoides which has become so popular within the last two or three years; the flowers of this new variety are larger and deeper in color, being a deep rosy pink. A first-class plant for greenhouse decoration during the winter.

Per pkt., 20c.; 55c. per 3 pkts.

DWARF LARGE FLOWERING FRINGED PETUNIA

The demand for really good dwarf, compact-growing Petunias has been met after years of careful selection in this excellent dwarf strain, with large fringed flowers. The plants grow 8 inches high, and while branching freely from the base, they remain quite compact. The individual plants make handsome small bushes, on which the numerous flowers, borne well above the foliage, appear in all the colors common to Petunias.

Per pkt., 25c.; 65c. per 3 pkts.



Petunia—Dwarf Large Flowering Fringed

6 **Michell's Novelties and Specialties in Flower Seeds**



Petunia, Michell's Monstrosus

LARGE FLOWERING PETUNIA Michell's Monstrosus

A great acquisition to the list of Large Flowering Petunias, surpassing the well-known Giants of California. The flowers are extremely large, quite a number of which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them having deep throats of various shades.

Per half trade pkt., 60c.; \$1.00 per trade pkt.

NEW SALVIA (Scarlet Sage)

Ostrich Plume

A new variety of this most popular flower. The habit of the plant is similar to the well-known Splendens variety; the spikes of flowers which are large and borne in great profusion, resemble a plume, and are of the brightest scarlet.

Per half trade pkt., 30c.; 50c. per trade pkt.; per 1/4 oz., \$1.50.

SCHIZANTHUS—BRIDAL VEIL

(Wisetonensis Albus)

A new variety selected from the hybrids of Schizanthus Wisetonensis. Plants grow about 16 inches high, are compactly formed and literally covered with glistening snowy white blossoms, which present a striking contrast with the bright green of the finely lacinated foliage. Excellent as a pot plant.

Per pkt., 20c.; 55c. per 3 pkts.

NEW RED SUNFLOWER (Helianthus)

A new variety of the annual Sunflower, growing from 4 to 8 feet high. The plants are of branching habit, and bear in profusion well-shaped flowers varying in size from a few inches to nearly a foot in diameter. Some of the plants produce flowers of a rich chestnut red color, others tipped with yellow and others slightly washed with red.

Per trade pkt., 30c.; \$1.25 per oz.

VERBENA—"Helen Willmott"

After many years of constant selection, seed of this Verbena has at last been saved in sufficient quantity to be offered for sale. A large percentage of the flowers are of the true "Helen Willmott" color, a pretty bright salmon rose, with white eye.

Per trade pkt., 50c.



Schizanthus, Pink Beauty

SCHIZANTHUS—Pink Beauty

The flowers of this new variety are of an exquisite shade of rose pink, a pure self without any marking or shading whatever. A distinct advance upon anything of this color yet known in Schizanthus. As pot plants they are very effective for grouping, and a charming subject when cut for table decoration, the flowers being of good substance, lasting well, and being equally effective either in natural or artificial light.

Per pkt., 35c.; \$1.00 per 3 pkts.



Verbena, Helen Willmott

Michell's New Spencer or Orchid Flowered Sweet Peas

7

"Spencer" Sweet Peas are distinguished by their most exquisite form of flower, waved petals, their wonderful vigor in plant, stem and flower, and their ability to produce, as a rule, four gigantic blooms to the stem.

Fiery Cross This new variety has all the appearance of live fire, the color being a scorching fire-red, or scarlet, without any shading, and which scintillates and glitters in bright sunlight, thus adding a glowing fire-like sheen which radiates over the flower. It does not scorch or burn in the sunshine. The beautifully waved and fluted flowers are borne freely in threes and fours, well placed on long, stout stems.

Per pkt. (30 seeds), 20c.; 55c. per 3 pkts.

Illuminator The most charming color or, rather, combination of colors, yet seen in Sweet Peas, and very difficult to describe. The blooms, which are carried on long, stout stems, have a ground color of a warm salmon orange overlaid with rich bright cerise pink. The flowers are of great substance; standard bold, expanded and attractively waved.

Per oz., 30c.; \$1.00 per ¼ lb.; per lb., \$3.50.

Margaret Atlee One of the best varieties of Sweet Peas yet introduced. The flowers, which are of most advanced Spencer type, are a rich glowing pink on cream ground, softly suffused with salmon in the standard; wings a pleasing shade of pinkish rose and salmon. The flowers are of large size, exquisitely waved and freely produced in "fours" on long, stout stems.

Per oz., 30c.; \$1.00 per ¼ lb.; per lb., \$3.50.

King White A "perfect" white Spencer Sweet Pea, and superior in form, size and substance to all others of this color; flowers are of good substance, standards of immense size, bold expanded form and exquisitely waved. An extremely vigorous grower; very floriferous, and gives a large proportion of four-flowered sprays.

Per oz., 30c.; \$1.00 per ¼ lb.; per lb., \$3.00.

Wedgwood This new variety is appropriately named, as its color throughout is a unique shade of Wedgwood blue. The flowers, which are produced in great profusion, are borne mostly in "fours," well placed on long, stout stems. Of finest Spencer form; the standard and wings are well waved.

Per oz., 30c.; \$1.00 per ¼ lb.; per lb., \$3.50.

Early Flowering Long Season Spencer SWEET PEAS 1916 Novelties

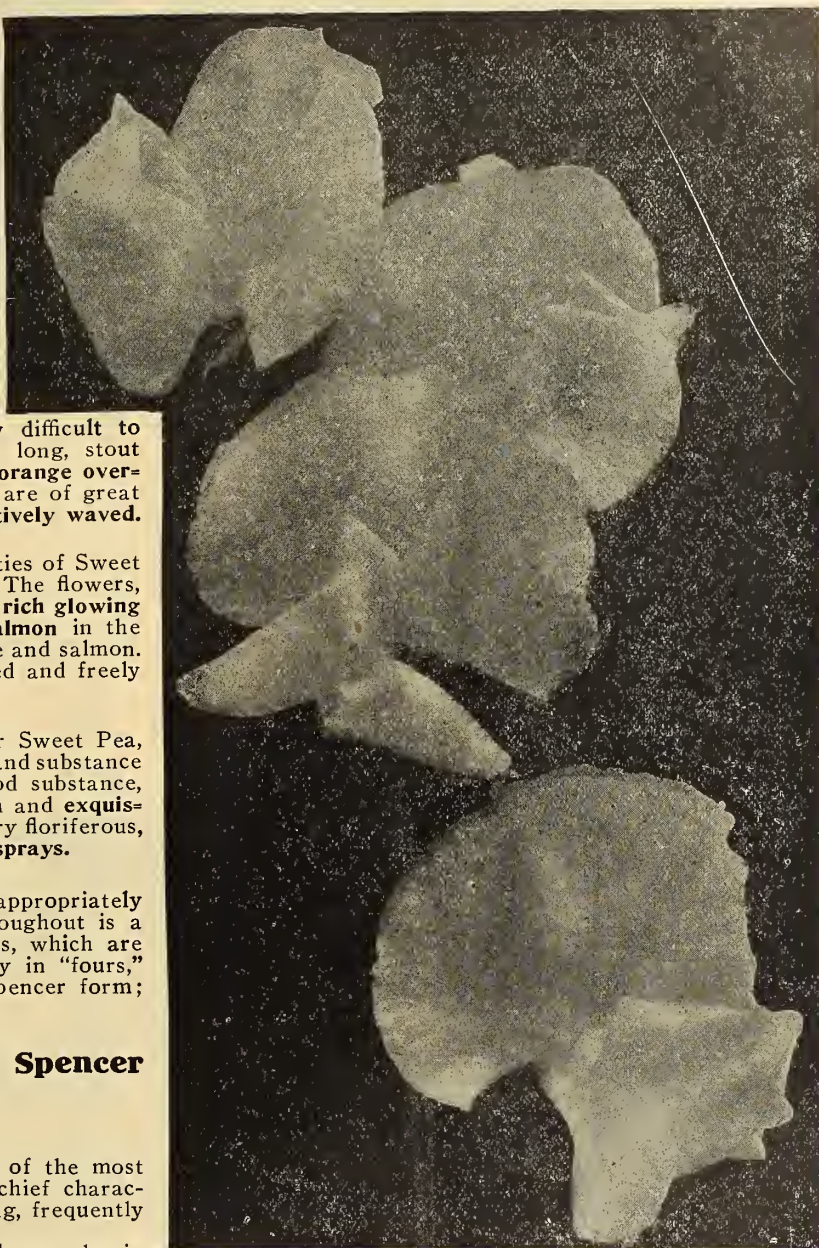
The following varieties were grown by one of the most prominent California growers. One of their chief characteristics is their long season period of blooming, frequently remaining in bloom for four months.

Early Morning Star. Deep orange scarlet or flame color in standard, with rich orange pink wings. A magnificent variety under glass. The flowers are large and of best Spencer form and borne in threes and fours in wonderful profusion. Pkt. of 15 seeds, 20c.; \$1.50 per ¼ oz.; per oz., \$5.00.

Early Song Bird. An excellent variety of fine form; color pale pink on white ground. The placement of the flowers is excellent for packing and the flowers are borne on long stems in threes and fours. Pkt. of 25 seeds, 20c.; \$1.25 per ¼ oz.; per oz., \$4.00.

Early Melody. This is a deeper shade of pink than "Early Song Bird" on white ground. The effect when bunched is most pleasing. It is very floriferous, the flowers are borne on long stems, and mostly four large, well-waved blossoms to each stem. Pkt. of 25 seeds, 20c.; \$1.25 per ¼ oz.; per oz., \$4.00.

Early Snow Flake. This is one of the best Early Flowering white seeded White Spencers. The blossoms are very large and of the best waved Spencer form. The flowers are borne in wonderful profusion on long stems, are of excellent form, and will be in great demand by all who grow for market. Pkt. of 15 seeds, 20c.; \$1.50 per ¼ oz.; per oz., \$5.00.



An Average Spray of KING WHITE—Reproduced from a Photograph

Early Heather Bell. One of the most popular shades for the florists. The flowers are large, borne in threes and fours on long, stout stems and are of beautiful bold Spencer form. The color is a rich mauve, but after standing in water the color becomes a beautiful mauve lavender. Pkt. of 25 seeds, 20c.; \$1.25 per ¼ oz.; per oz., \$4.00.

New Winter Flowering Sweet Pea

ROSE QUEEN (Spencer Type)

The flowers are of large size, exquisitely waved, and usually produced in fours on long stems; color, a most attractive shade of pink. Per ¼ oz., \$1.50; \$5.00 per oz.; ¼ lb., \$15.00; \$50.00 per lb.

New Winter Flowering Sweet Pea

YARRAWA (Spencer Type)

Flowers exquisitely waved, of extra large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink, with lighter wings. Per oz., \$1.00; \$3.50 per ¼ lb.; per lb., \$12.00.

For General List of Spencer or Orchid Sweet Peas, see page 32.

MICHELL'S "DISTINCTIVE" FRESH TESTED FLOWER SEEDS

"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as will give perfect satisfaction. Our wonderfully increased trade is our best proof for this claim.

For full description see our Retail Catalogue, a copy of which will be mailed free upon application.

NOTE.—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33⅓ per cent. from our retail catalogue prices.

Abutilon (Flowering Maple)

Used extensively for ornamental bedding. Trade Pkt. Oz.
Choicest Mixed\$0.40 \$3.00

Achillea

Perennial, flowering continuously all summer.
Ptarmica, fl. pl. "The Pearl." Double white.... .40 3.00

Aconitum (Monk's Hood)

Hardy perennial; long spikes of flowers.
Napellus, Blue20 .75

Acroclinium (Everlasting)

Excellent for cutting fresh or for winter bouquets.
Double Rose Pink\$0.25 \$0.75
" White25 .75
" Mixed10 .25
Single Mixed10 .20

Ageratum (Floss Flower)

Used for bedding and grown extensively by florists in pots for spring sales.

	Trade Pkt.	Oz.
Blue Perfection. The most popular sort of all.	\$0.15	\$0.60
Dark blue, height 12 in., compact showy plant.		
Little Blue Star. Dainty little plant; very dwarf.	.40	
Imperial Dwarf Blue. Height, 8 inches.....	.10	.30
Imperial Dwarf White. Height, 8 inches.....	.10	.30
Imperial Dwarf Mixed. Height, 8 inches.....	.10	.25
Cope's Pet. Blue; compact dwarf plant.....	.15	.50
Princess Victoria Louise. Blue, white centre..	.15	.50
Grandiflorum Album. Tall, pure white.....	.10	.40



Ageratum, Blue Perfection

Adlumia (Allegheny Vine)

A perennial vine with fern-like foliage. Trade Pkt. Oz.
Cirrrosa. Pink flowers\$0.40

Adonis

Vernalis (Ox Eye). Hardy perennial; yellow.....\$0.25 \$1.00

Agrostemma (Mullein Pink)

Coronaria. Hardy perennial; deep crimson flowers10 .25



Sweet Alyssum

Alyssum

Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed¼ lb., \$2.00. Trade Pkt. Oz. \$0.15 \$0.60

Little Dorritt. Even more compact than Little Gem and desirable for a pot plant..... .15 .75

Lilac Queen. Dwarf and compact; flowers lilac.... .30 1.00

Lutescens. Dwarf, yellow flowers..... .30 1.00

Sweet (Alyssum Benthani). The well-known fragrant white¼ lb., 50c. .10 .15

Saxatile Compactum. Perennial; golden yellow.... .10 .40

Amaranthus

Caudatus (Love-Lies-Bleeding). Blood red leaves.... .10 .15

Cruentus (Princess Feather). Dark red..... .10 .15

Sunrise. Brilliant carmine15 .75

Tricolor Splendens (Joseph's Coat). Various colors .. .15 .50

Mixed10 .15

Ampelopsis

Veitchi (Japanese Ivy)¼ lb., 50c. .10 .15

Anchusa

Italica, "Dropmore Variety." Perennial; branching plant, 4 feet; light blue flowers..... .30 1.25

Antirrhinum (Snapdragon)

Grown by many of the florists as a profitable cut flower, for both summer and winter.

Michell's Giant Strain

This strain produces stout, heavy spikes, 2 to 3 feet tall with fully one-third a compact mass of giant flowers; colors clear and delicate.

Michell's Giant Salmon Pink. A valuable addition to this popular flower; Trade extra long spikes of flowers of a delicate salmon pink color..... Pkt. Oz. \$0.30 \$2.25

Silver Pink. An extra fine variety; long spikes and a very profuse bloomer. Original pkts., \$1.00; \$2.50 per 3 pkts.

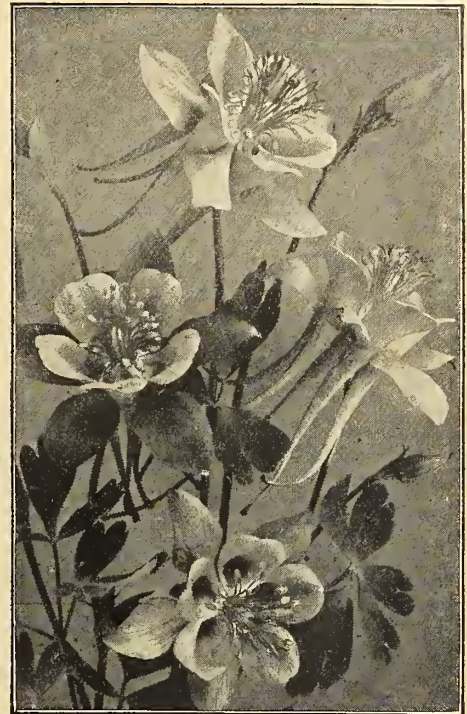
Nelrose. Pink; long spikes. Per pkt., 35c.; \$1.00 per 3 pkts.

Giant Pink .....	.20	.60
" Scarlet .....	.20	.60
" Striped .....	.20	.60
" White .....	.20	.60
" Yellow .....	.20	.60
" Mixed .....	.15	.50
" Venus. Large flowers; color, shell pink on white ground, with pure white throat.....	.30	1.25

Antirrhinum, Various Sorts

The semi-dwarf grow about 18 inches high and are the best for bedding.

Semi-Dwarf Captivation. Rich cham- Trade ois, shaded pink. Pkt., 20c. Pkt. Oz.		
" Daphne. Pink .....	.20	\$0.65
" Defiance. Fiery scarlet..	.20	.65
" Golden Beauty. Golden yellow. Pkt., 20c.		
" Golden Queen. Yellow...	.20	.65
" Mauve Beauty. Rosy mauve. Pkt., 25c.		
" Pink Gem. Rose pink. Pkt., 20c.		
" Queen of the North. White	.20	.65
" Spitfire. Orange scarlet. Pkt., 20c.		
" The Bride. Pure white..	.25	1.00
" Mixed .....	.15	.50
Tall Mixed. Regular strain; 2 feet...	.10	.25
Tom Thumb Mixed. Excellent for bedding; also for edges; 1 foot.....	.15	.60

**Aquilegia—Long Spurred****Arabis (Rock Cress)**

Alpina. Perennial; dwarf edging plant; flowers pure white Trade Pkt. Oz. \$0.10 \$0.35

Arctotis (African Daisy)

Grandis. Splendid annual for cutting; the large daisy-like flowers are produced on long stems; color pure white on the upper surface; reverse side of petals lilac-blue. .15 .40

Argemone	Asparagus
Armeria	Asperula
Artemisia	See page 12.

MICHELL

Giant Antirrhinum (Snapdragon)**Anemone (Windflower)**

Trade Pkt. Oz.

Hardy perennial; excellent for cutting.

Coronaria Mixed	\$0.15	\$0.60
St. Brigid. Semi-double; various colors.....	.30	1.25

Anthemis (Hardy Marguerite)

Tinctoria Kelwayi. Daisy-like bright yellow flowers; perennial20	.75
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Aquilegia (Columbine)

These early flowering perennials are a valuable cut flower and the demand for the same is constantly on the increase.

Long Spurred Hybrids. A splendid assortment..	\$0.30	\$1.50
Canadensis. Scarlet and yellow.....	.30	1.50
Chrysantha. Yellow .....	.30	1.50
Chrysantha Alba. Pure white.....	.30	2.00
Californica Hybrida. Mixed colors.....	.30	1.75
Coerulea. Blue and white.....	.30	1.25
Haylodgensis Delicatissima. Delicate pink.....	.40	
Nivea Grandiflora. Pure white.....	.10	.30
Rose Queen. Deep rose.....	.40	
Single Mixed .....	.10	.30
Double Mixed .....	.10	.30

**Arctotis Grandis**

MICHELL'S SUPERB ASTERS

We wish to emphasize the fact that our Asters are grown for us by specialists, and nearly all varieties under our own supervision. **Michell's "Distinctive" Quality** is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence to produce the very best results.



Aster—Michell's Improved Semple's Branching

Michell's Improved Semple's Branching Aster

The finest late blooming Aster. Our Improved Strain has been secured after many years of careful selection. Large, perfectly double flowers on long stems.

	Trade Pkt	Oz.
Lavender	\$0.30	\$1.00
Shell Pink .....	.30	1.00
White .....	.30	1.00
Rose Pink .....	.30	1.00
Purple .....	.30	1.00
Crimson .....	.30	1.00
Choice Mixed .....	.30	1.00

Aster, Early Wonder

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." Flowers are large, very double, similar to "Comet" type and are carried erect on long stems.

	Trade Pkt	Oz.
White	\$0.40	\$2.00
Pink .....	.40	2.00

Aster, Queen of the Market

(Extra Early)

The standard-bearer of the early flowering sorts. Our strain has been re-selected for its earliness and will prove of exceptional quality.

	Trade Pkt	Oz.
White	\$0.20	\$1.00
Blush Pink .....	.20	1.00
Rose Pink .....	.20	1.00
Light Blue .....	.20	1.00
Dark Blue .....	.20	1.00
Crimson .....	.20	1.00
Choice Mixed .....	.15	.75

Astermum

A new and valuable variety of the Giant Comet type; plants grow straight up, with strong, sturdy stems starting near the base, and owing to the symmetry of the plant, they may be set more closely than other varieties. Each plant yields from ten to fifteen blooms, which last a long while after being cut.

	Trade Pkt	Oz.
White	\$0.50	\$2.25
Rose Pink .....	.50	2.25
Lavender .....	.50	2.25
Mixed .....	.50	2.25

Aster, Giant Comet

Long narrow petals which curve at the ends give this flower the appearance of a Japanese Chrysanthemum. Plants branch freely and produce their flowers on long stems.

	Trade Pkt	Oz.
White	\$0.30	\$1.50
Peach Blossom .....	.30	1.50
Pink and White .....	.30	1.50
Light Blue .....	.30	1.50
Dark Blue .....	.30	1.50
Crimson .....	.30	1.50
Choice Mixed .....	.30	1.25



Crego Aster

Aster, New Crego

One of the finest varieties of Asters, and has rapidly come into popular favor. Flowers are gigantic in size, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge, flat Chrysanthemum.

	Trade Pkt	Oz.		Trade Pkt	Oz.
White	\$0.30	\$1.50	Lavender	\$0.30	\$1.50
Shell Pink .....	.30	1.50	Purple .....	.30	1.50
Rose Pink .....	.30	1.50	Mixed .....	.30	1.25



Aster Royal Branching

Aster, Early Royal Branching

An excellent strain of Early Branching Aster, and one of the best general purpose varieties. Sown early inside and planted out with Queen of the Market, it follows that variety very closely.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
White	\$0.40	\$2.00	Lavender	\$0.40	\$2.00
Rose Pink .....	.40	2.00	Purple .....	.40	2.00
Shell Pink .....	.40	2.00	Mixed .....	.40	2.00

Aster, Invincible

A splendid Aster to fill in between the early sorts and the late ones. It is, so to say, a mid-summer Aster. Flowers are large, perfectly double and come on long stems.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
Blue	\$0.30	\$1.50	Rose Pink	\$0.30	\$1.50
Crimson .....	.30	1.50	White .....	.30	1.50
Lavender .....	.30	1.50	Mixed .....	.30	1.25

Aster, Truffaut's Prize (Paeony Flowered)

Flowers are of incurved form, fairly large and are carried erect on straight stems. Fine for cutting or pots.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
White	\$0.30	\$1.50	Purple Violet	\$0.30	\$1.50
Pink .....	.30	1.50	Crimson .....	.30	1.50
Light Blue .....	.30	1.50	Choice Mixed .....	.30	1.25

Aster, Victoria Prize

A flat, solid, deep flower produced in masses on a compact, fairly dwarf plant. Good for pots.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
White	\$0.30	\$2.00	Purple	\$0.30	\$2.00
Pink .....	.30	2.00	Scarlet .....	.30	2.00
Light Blue .....	.30	2.00	Choice Mixed .....	.30	1.50

Asters of the Daybreak Type

This class forms strong plants of symmetrical growth; flowers large, double and carried on long stems.

	Trade Pkt.	Oz.
Michell's Purity (<i>White Daybreak</i>). Our strain of this variety is a re-selection and a great improvement; color, pure, glistening white.....	\$0.30	\$2.00
Pink Daybreak. Large, double and of a delicate pink .....	.30	2.00
Lavender Daybreak. Large flowers of a beautiful shade of lavender .....	.40	2.25
Salmon Daybreak. A splendid addition to the Daybreak class; the color is novel and of a pleasing shade .....	.40	2.50

King Asters

Habit of growth similar to the Branching Aster; in form the flower is distinct; petals resemble the quilled varieties, but are larger and broader, those in the centre being curled and incurved.

Trade Pkt. Oz.

White King. The flowers are large, full centred and pure white; plants of upright habit; stems long	\$0.40	\$2.00
Rose King. Plants of branching habit, with stems frequently 2 feet in length; flowers large, double, and of a deep rose color.....	.30	1.50
Violet King. A distinct color, large, double flowers of a pleasing shade of soft violet.....	.30	1.50



Pink Superb Aster

Asters—Various Sorts

	Trade Pkt.	Oz.
Michell's "Pink Superb." This new and valuable variety is really "superb" in every sense of the word. The flowers are of immense size, petals long and broad, those in the centre lie curled and incurved, completely covering the crown; the flower has the appearance of an immense flat chrysanthemum; color, a beautiful shade of pink	\$0.50	\$5.00
Enchantress Pink. Flowers large and double; color, a delicate shade of pink.....	.40	2.00
Lady Roosevelt. One of the finest recent introductions; flowers resemble incurving Chrysanthemums, the color a gorgeous pink, of marvelous beauty; flowers are produced on long stems; season late .....	.50	4.00
Peerless Pink. A valuable variety of the late branching type, although coming into bloom a little earlier; bears a profusion of large, double flowers of a rich shell pink color, very similar in shade to the Mary Semple variety.....	.40	2.00
Lavender Gem. An excellent variety of "Comet" form, with large perfectly double flowers, color lavender .....	.40	2.50
Pink Beauty. Of the Chrysanthemum Flowered type; immense flowers; color, blush pink.....	.40	2.25
Mikado Pink or Rochester. Of Comet form, flowers larger and more perfectly double, averaging 5 inches in diameter; exquisite shade of shell pink .....	.30	1.50
China or German Mixed. This mixture contains many sorts and colors.....	.15	.40
PERENNIAL ASTER (<i>Michaelmas Daisy</i>)		
Mixed. All colors .....	.25	1.00

Asparagus Plumosus Nanus

We are Headquarters for the true
Northern Greenhouse Grown Strain

Our seeds are absolutely fresh and
of high germination; our greatly in-
creased sales each season prove be-
yond a doubt the superiority of our
stock.

Greenhouse Grown Seed

100 seeds...	\$0.50	5,000 seeds...	\$15.50
1,000 seeds...	3.50	10,000 seeds...	30.00
25,000 seeds.....	\$72.50		

Lathhouse Grown Seed

100 seeds...	\$0.25	5,000 seeds...	\$9.75
1,000 seeds...	2.00	10,000 seeds...	18.50
25,000 seeds.....	\$43.75		

Asparagus Hatcherii

New Type of Plumosus

100 seeds...	\$0.75	500 seeds...	\$3.00
1,000 seeds.....	\$5.00		

Asparagus Sprengeri

100 seeds.....	\$0.15
1,000 seeds.....	.75
5,000 seeds.....	3.00
10,000 seeds.....	5.50
25,000 seeds.....	12.50



Asparagus Plumosus Nanus

Argemone

	Trade Pkt	Oz.
Hybrida Grandiflora. Large, pure white, poppy- like flowers	\$0.15	\$0.40

Armeria (Sea Pink or Thrift)

Formosa. Hardy perennial for edgings; flowers, rosy pink	20	75
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Artemisia

Sacrorum Viridis (<i>Summer Fir</i>). A new annual foliage plant; pyramidal bushes, 3 to 5 feet high; may be grown in groups or borders; foliage fine and of a rich dark green.....	25	75
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Arundo. See Grasses, page 19

Asperula

Odorata (<i>Sweet Woodruff</i>). Suitable for hardy borders; dwarf; white.....	20	75
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Auricula (Primula Auricula)

Choice Mixed. Hardy perennial with flowers of many beautiful colors.....	40	4.00
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Avena. See Grasses, page 19

Balloon Vine

Cardiospermum	1/4 lb., 25c.	.10
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Balsam (Lady Slipper)

A very desirable annual; the White Perfection and Prince
Bismarck varieties are excellent for design work.

	Trade Pkt	Oz.
Camellia Flowered Pink	\$0.20	\$0.60
" " Prince Bismarck. Rich salmon pink .....	.25	1.00
" " Scarlet .....	.20	.60
" " White Perfection .....	.25	1.00
" " Choice Mixed15	.40
Fine Mixed10	.25

Balsam Apple

Momordica Balsamina10	.15
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Baptisia (False Indigo)

Australis. Tall, showy plants with deep blue flow- ers; perennial20	.60
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Balsam—White Perfection

Bartonia

Aurea. Dwarf edging plant; yellow flowers.....\$0.10 Trade Pkt. Oz. \$0.25

Beans (Flowering and Running)

Butterfly. Pink and white on same flower.
(1/4 lb., 30c.) .10

Scarlet Runner. (Pint, 25c.; 50c. per qt.)

White Runner. (Pint, 25c.; 50c. per qt.)

*Begonia, Vernon***Begonias**

As a bedding plant there is nothing more satisfactory; also excellent for pot plants. Seeds sown in January make splendid flowering plants in May.

	Trade Pkt.	1-32 Oz.	Oz.
Semperflorens Vernon. Deep red.....	\$0.25		\$2.50
" Anna Regina. Deep rose...	.50	\$1.00	
" Erfordia. Pink .....	.30	1.50	
" Gromanii (New). Red. Pkt., \$1.00.			
" Queen of Carpet Bedders.			
Dwarf red .....	.30	2.00	
" Salmon Queen. Salmony red .....	.50	3.00	
" Zulu King. Blood red.....	.50	2.00	
" Choice Mixed .....	.30	2.00	

Begonia Gracilis

This type produces very compact little plants that are literally covered with flowers; an easy seller.

	Trade Pkt.	1-32 Oz.	Oz.
Gracilis Bonfire. Lustrous carmine. (Orig. pkt., 15c.)			
" Prima Donna. Rose, shading to carmine.	\$0.50	\$2.00	
" Rosea. Pink .....	.30	1.00	
" Luminosa. Fiery dark scarlet .....	.40	2.00	
" Alba. Pure white .....	.30	1.00	

Begonia Rex Hybrids

Ornamental leaves, in self-color and variegation.. .50

Begonias, Tuberous Rooted

These are easily raised from seed; produce enormous flowers and are excellent for bedding, window boxes or pot culture.

	Trade Pkt.	Oz.
Single Mixed	\$0.50	
International Prize. Single; enormous flowers; extra fine. Original pkt., 17c.		
Double Mixed. Original pkt., 17c.		

Bellis Perennis. See Daisy

Bocconia (Plume Poppy)

Cordata. Hardy perennial; creamy white flowers. .10 .40

Boltonia (False Chamomile)

Latisquama. Perennial; aster-like flowers; pink, tinged with lilac\$0.25 Trade Pkt. Oz. \$1.25

Brachycome (Swan River Daisy)

Iberidifolia. A profuse flowering annual with small blue flowers15 .75

Briza. See Grasses, page 19

Bromus. See Grasses, page 19

Browallia

Elata Coerulea. Blue15 .50

Speciosa Major. Most desirable variety as a pot plant; large flowers, rich blue..... .40

Calceolaria

A most decorative pot plant, which finds ready sale if well grown. The strains we offer cannot be excelled.

	Trade Pkt.	Trade Pkt.
Hybrida Grandiflora. Choice mixed.....	\$0.60	\$1.00
Hybrida Grandiflora Compacta. Dwarf, mixed...	.60	1.00
James' Superb Strain. Superfine, mixed.....	.60	1.00
Sutton's Perfection. In original packages, 85c.		
Rugosa, or Shrubby, Mixed. Choice bedding varieties .....	.60	1.00

*Calendula, Michell's Special Forcing***Calendula (Pot Marigold)**

Raised extensively as a pot plant for bedding.

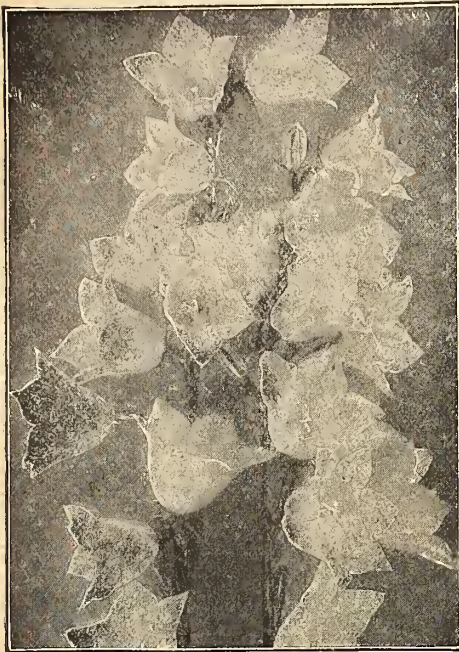
	Trade Pkt.	Oz.	1/4 Lb.
Michell's Special Forcing. Large flowers of a rich, orange yellow color. Large trade pkt., 50c.			
Grandiflora. Large orange yellow.....	\$0.10	\$0.15	\$0.40
Lemon King. Lemon yellow.....	.10	.15	.40
Meteor. Orange striped .....	.10	.15	.40
Orange King. Rich dark orange.....	.10	.15	.40
Prince of Orange. Dark orange striped....	.10	.15	.40
Sulphurea. Sulphur yellow.....	.10	.15	.40
Mixed .....	.10	.15	.35

Calliopsis (Coreopsis)**Annual Varieties**

	Trade Pkt.	Oz.
Golden Wave (Drummondii). Large golden yellow flowers	\$0.10	\$0.15
Nigra Speciosa. Rich crimson maroon.....	.10	.15
Choice Mixed .....	.10	.15

Perennial Varieties

	Trade Pkt.	Oz.
Lanceolata Grandiflora. Large golden yellow.....	.10	.35
California Sunbeams. Large flowers, yellow and brown .....	.15	.50



Campanula or Bell Flower

Campanula (Bell Flower) (Perennial)

The taller sorts are splendid for cut flowers and most decorative; as a border plant they are indispensable. Trade Pkt. Oz.

Carpatica Blue. Dwarf, 6 inches.....\$0.15 \$0.60

" **White.** Dwarf, 6 inches......15 .60

Persicifolia Grandiflora Blue. Grows 3 to 4 feet high and produces large bell-shaped flowers along the whole stem.....30 2.00

Persicifolia Grandiflora White......30 2.00

Pyramidalis (Chimney Bell Flower). 6 feet. Blue and white mixed......20 1.00

CAMPANULA, MEDIA (Canterbury Bell) (Biennial)

Single Blue10 .30

" **Pink**10 .30

" **White**10 .30

" **Mixed**10 .25

Double Mixed20 .75

CAMPANULA CALYCANTHEMA (Cup and Saucer)

Calycanthema White25 1.50

" **Pink**25 1.50

" **Blue**25 1.50

" **Mixed**20 1.00

Canary Bird Flower

Tropaeolum Canariense. Yellow10 .20

Candytuft (Iberis)

Splendid edging plants, and also excellent for cutting.

Mitchell's Giant White. Immense spikes of pure white flowers.....(Lb., \$3.00) Trade Pkt. Oz. 1/4 lb \$0.15 \$0.35 \$1.00

Empress. Flat heads of white flowers. (Lb., \$2.00) .10 .20 .60

Pink10 .20 .60

Crimson10 .15 .40

Carmine10 .25 .75

Purple10 .20 .60

White Rocket10 .25

Little Prince. Very dwarf, white.....10 .25 .75

Mixed. All colors10 .25

Sempervirens. Perennial; fine for edging borders; white40 2.00

Canna

Crozy's Dwarf Mixed......(Lb., \$1.25) .15 .40

Carnation

Desirable for greenhouse culture in winter as well as for the garden in summer. Trade Pkt. Oz.

Early Vienna Mixed......\$0.25 \$1.25

Finest German Mixed

(1/16 oz., \$1.25) .50

Chabaud's Everblooming.

Choice mixed40 2.25

Choice Mixed. Double border40 1.50

Marguerite Excelsior, Mixed.

Extra large flowers......30 1.25

Marguerite Pink30 1.25

" **White**30 1.25

" **Scarlet**30 1.25

" **Yellow**30 1.25

" **Choice Mixed**20 .75

Cardinal Climber

Ipomoea Quamoclit Hybrida. A rapid growing annual climber, bearing a profusion of fiery, cardinal red flowers. In order to have good germination of the seed, a small notch should be filed or cut in each seed. Trade pkt., 50c.; \$3.00 per oz.

See pages 2 to 7 for Novelties and Specialties in Flower Seeds.



Carnation, Marguerite

Celosia**Cristata or Cockscomb Varieties**

Trade Pkt. Oz.

Giant Empress. Bright crimson, dark foliage.....\$0.25 \$1.00

Glasgow Prize. Dark crimson......25 1.25

Aurea. Yellow25 1.25

Sutton's Prize. Dwarf scarlet (Orig. pkt., 40c.)

Choice Mixed. Dwarf sorts......15 .50

Plumosa or Feathered Varieties

Pride of Castle Gould. Large flower heads; color, blood red, carmine, yellow, orange scarlet, etc., in mixture30

Scarlet10 .30

Golden Plume. Deep golden yellow.....10 .30

Spicata. Bright rose, turning to silvery white....15 .50

Thompsoni Magnifica. Various colors.....20 .75

Thompson's Superb. Crimson15 .60

Choice Mixed10 .25



Candytuft, Mitchell's Giant White

*Centaurea Imperialis* (Natural Size)**Centaurea****Centaurea Cyanus** (Cornflower) Trade Pkt. Oz.

Emperor William. Deep blue.....(¼ lb., 75c.)	\$.010	\$0.20
Double Blue. Splendid for forcing.....	.15	.65
Pink .....	.10	.20
White .....	.10	.20
Choice Mixed .....	.10	.15
Double Mixed .....	.10	.30

Centaurea Imperialis (Giant Cornflower)

	Trade Pkt	Oz.
Deep Rose	\$.15	\$0.75
Lavender .....	.15	.75
Lilac .....	.15	.75
Brilliant Pink .....	.15	.75
Purple .....	.15	.75
White .....	.15	.75
Choice Mixed .....	.10	.50

New Giant Flowered Centaureas

Magnificent flowers of brilliant colors; excellent for cutting.

The Bride. Pure white	\$.30	\$1.00
The Bridegroom. Purplish mauve .....	.30	1.00
Honeymoon. Golden yellow .....	.30	1.00

White Leaved Centaureas (Dusty Miller)

Candidissima. Broad cut silvery gray foliage	(1000 seeds, 30c.)	\$2.00
Gymnocarpa. Fine cut silvery foliage. (1000 seeds, 15c.)		.50

Various Centaureas

Americana. Lilac purple .....	.15	.40
Margaritae. Large pure white .....	.20	.60
Suaveolens. Large yellow .....	.10	.40
Montana. Perennial, blue .....	.25	1.00
Montana Alba. Perennial, white .....	.25	1.50

Cerastium (Snow in Summer)

Tomentosum. Dwarf, white leaved edging plant; flowers white; perennial....	.30	2.00
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Chrysanthemum**Annual Varieties**

	Trade Pkt.	Oz.
Helios (<i>Evening Star</i>). Large golden yellow.....	\$.010	\$0.25
White Star. Large white, yellow centre with dark disc .....	.15	.40
Inodorum Snowball. Large double white flowers of finest form; excellent for cutting.....	.15	.60
Single Mixed .....	.10	.20
Double Mixed .....	.10	.20

Perennial Varieties

Mrs. C. Lothian Bell. Immense pure white flowers	.40	2.00
Frutescens Grandiflorum (<i>Paris Daisy</i>). Large white flowers .....	.15	.50
Shasta Daisy "Alaska." Pure white.....	.40	2.00
King Edward VII. Extra large; pure white.....	.20	.60
Japanese Hybrids. Large flowered, mixed.....	.50	

Michell's "Distinctive" Cinerarias

Our improved strains have been acclaimed wonderful; immense trusses of the largest flowers.

	½ Trade Pkt.	Trade Pkt.
Dwarf Grandiflora Prize. Mixed colors.....	\$.60	\$1.00
Medium Tall Grandiflora Prize. Mixed colors....	.60	1.00
James' Giant Strain. Mixed colors.....	.60	1.00
Sutton's Superb. Mixed colors..(Orig. pkt., 65c.)		
Matador. Large flowering scarlet.....	.60	1.00
Hybrida, Choice Mixed .....	.30	.50
Radiata Hybrida. Small star-like flowers.....	.60	1.00
Sutton's Stellata. Star-shaped... (Orig. pkt., 65c.)		
Stellata Hybrida. Mixed colors .....	.60	1.00

Cineraria (Dusty Miller)

Trade Pkt. Oz.

Maritima Candidissima. White leaved, used for bedding	\$.010	\$0.25
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*Cineraria—Michell's Grandiflora Prize*

Clarkia

	Trade Pkt.	Oz.
Single Mixed	\$0.10	\$0.20
Double Mixed .....	.10	.25

Clematis

Flammula. Feathery white flowers.....	.10	.25
Jackman's Large Flowering. Mixed.....	.30	2.00
Paniculata. White star-shaped flowers.....	.15	.50

Cleome (Giant Spider Plant)

Pungens. Rose-colored flowers.....	.10	.25
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Cobea Scandens (Cup and Saucer Vine)

A graceful vine of which millions are sold annually by florists as pot plants. Seeds should be placed edgewise to insure good germination.

	Trade Pkt.	Oz.
Purple	\$0.10	\$0.40
White .....	.25	.75

Coix Lachrymae. See Grasses, page 19

Cosmos**Mitchell's Large Early Flowering**

This new Early Flowering Strain begins blooming very early and produces flowers of large size.

	Trade Pkt.	Oz.
Large Early Flowering, Crimson	\$0.15	\$0.50
" " " Pink .....	.15	.50
" " " White .....	.15	.50
" " " Mixed .....	.15	.40
Dawn. Dwarf early; white, tinged pink.....	.15	.40

Giant or Late Cosmos

Giant Flowering Pink10	.30
" " Crimson .....	.10	.30
" " White .....	.10	.30
" " Mixed .....	.10	.25
" Fancy Varieties. Mixed .....	.25	.75
" Crimson Ray (New). Has narrow and fluted crimson petals, separated in star-like form .....	.20	.75
" Lady Lenox. Immense flowers; color, beautiful shell pink.....	.15	.40
" White Lady. A new pure white variety... ..	.15	.50
" Rainbow. Large frilled flowers; mixed....	.20	.60
Klondyke. Yellow .....	.25	.75
Double Pink Beauty	(1/4 oz., \$1.00)	.40 3.00
" White Queen	(1/4 oz., \$1.00)	.40 3.00
" Red Beauty. Per pkt. of 15 seeds, 50c.		



Mitchell's Giant Fancy Cosmos

Coleus

	Trade Pkt.	Oz.
Large Leaved. Choicest mixed	\$0.50	\$2.50

Convolvulus (Morning Glory)**Major or Tall Varieties**

	Trade Pkt.	Oz.	1/4 lb.
Japanese Imperial. Mixed	\$0.10	\$0.15	\$0.40
Japanese Imperial Fringed. Mixed .....	.10	.20	.60
Mixed. Ordinary variety.....(lb., 60c.)		.10	.20
Double Snow Fairy. Pure white.....	.15	.50	
Double Flowering. Mixed colors.....	.10	.30	1.00

Minor or Dwarf Varieties

Tricolor. Blue10	.25
Mixed	(lb., 40c.)	.10 .20

Cuphea (Cigar Plant)

Platycentra. Scarlet25
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Mitchell's "Distinctive" Giant Cyclamen

Cyclamen—Mitchell's "Distinctive" Giant

This is the English strain, grown for us exclusively by a grower of world-renown, and the quality cannot be surpassed. Flowers are **gigantic**; colors clear and superb; specimen plants are a thing of beauty and always win first prize at exhibitions.

	100 Seeds	1000 Seeds
Duke of Connaught. Crimson.....	\$1.00	\$8.50
Excelsior. White with red base.....	1.00	8.50
Grandiflora Alba. White.....	1.00	8.50
Princess of Wales. Pink.....	1.00	8.50
Salmon Queen. Salmon pink.....	1.00	8.50
Mixed. A splendid assortment of colors.....	.90	8.00

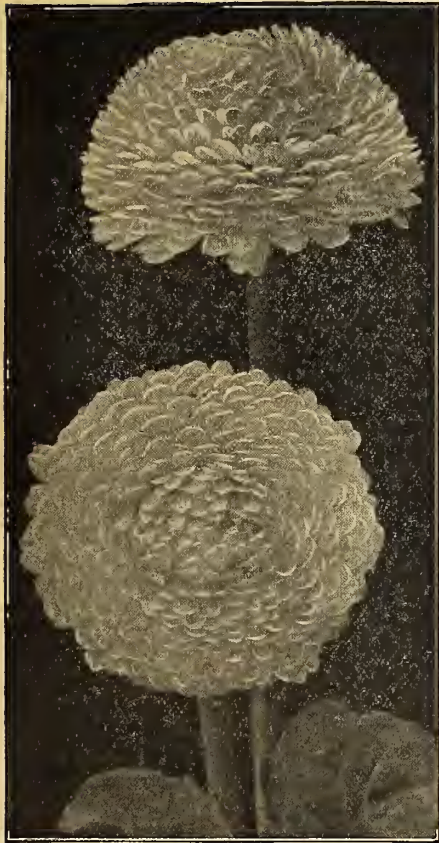
Mitchell's Giganteum Cyclamen (Continental Strain)

This is grown for us exclusively by a specialist, but on the Continent, and the distinction between the former and this strain is, that the Giganteum strain produces comparatively smaller flowers, but a greater number.

	100 Seeds	1000 Seeds
Album. White	\$0.75	\$6.00
Roseum. Pink .....	.75	6.00
Rubrum. Red .....	.75	6.00
White with Red Eye.....	.75	6.00
Glory of Wandsbek. Salmony red.....	1.25	10.00
Mixed Colors .....	.60	5.00

Various Cyclamen

Mrs. Buckston. Frilled and waved flowers; color, delicate salmon. Orig. pkt., 75c.
Rokoko Erecta. Flowers large, upright, beautifully fringed; mixed colors. \$1.25 per 100 seeds; 1000 seeds, \$10.00.
Sutton's Giant. Mixed colors. Orig. pkt., 75c.
Papilio (Butterfly). Mixed colors. \$1.00 per 100 seeds.
Persicum. Choice mixed. Trade pkt., 40c.; \$3.00 per oz.



English Daisy—Monstrosa

Datura (Trumpet Flower)

	Trade Pkt.	Oz.
Cornucopia. White, marbled purple	\$0.10	\$0.40
Double Golden .....	.10	.30
Double Mixed .....	.10	.30
Brugmansia .....	.40	2.25

Dianthus (Pinks)**Double Annual Sorts**

	Trade Pkt.	Oz.
China or India Pinks.		
Mixed	\$0.10	\$0.25
Fireball. Fiery scarlet ....	.15	.75
Fringed. Large, mixed colors .....	.15	.60
Japan Pink. Choice mixed ..	.15	.50
White. Fringed flowers...	.15	.60

Dianthus—Single Annual Sorts

Japan Pink. Mixed colors. ....	.15	.40
Nobilis (Japan Royal). Mixed .....	.20	.50
Salmon Queen. Brilliant salmon color .....	.15	.75

Dianthus—Hardy Garden Sorts

Clove Scented. Double mixed .....	.30	1.50
Dwarf Erfurt. Fragrant; double; mixed colors....	.50	2.75
Pheasant's Eye. Single fringed flowers; mixed..	.10	.40
Double Scotch. Choice colors; mixed30	1.50

Dictamnus (Gas Plant)

Fraxinella. Perennial; purple red flowers.....	.10	.40
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Cyperus (Umbrella Plant)

	Trade Pkt.	Oz.
Alternifolius	\$0.30	\$1.25

Cypress Vine

(Ipomoea Quamoclit)

Scarlet .....	.10	.25
White .....	.10	.25
Mixed .....	.10	.20

Dahlia

Both the Double and Single Dahlias can be easily grown from seed, and will produce blooming plants the first summer if the seed is sown before June.

Double Cactus. All colors mixed. Trade pkt., 25c.; \$1.50 per oz.

Double Large Flowering. Show type, mixed. Trade pkt., 25c.; \$1.00 per oz.

Single Collarette. Flowers of various colors, with a collar of small petals around the centre. Trade pkt., 25c.; \$1.00 per oz.

Single Giant Perfection. Mixed. Trade 25c.; 75c. per oz.

Single Twentieth Century. Flowers of immense size, with distinct colorings. Trade pkt., 40c.; \$1.50 per oz.

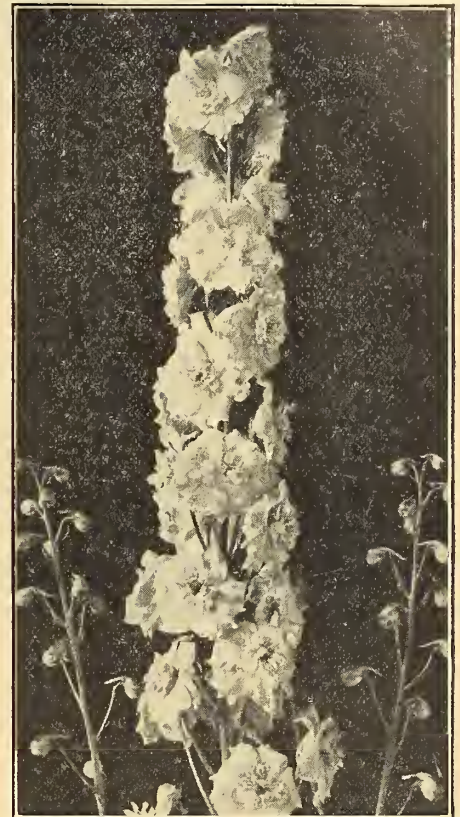
Daisy, English Double

(Bellis Perennis) Trade Pkt. Oz.

Monstrosa Pink (¼ oz., \$1.50) ..	\$0.50	
Monstrosa White. (¼ oz., \$1.50) .....	.50	
Monstrosa Mixed. (¼ oz., \$1.50) .....	.50	
Longfellow. Large pink.....	.30	\$1.75
Snowball. Large white.....	.30	1.75
Double Mixed .....	.30	1.50



Dianthus—Annual Pink



Delphinium. Kelway's Giant

Delphinium

(Perennial Larkspur)

Kelway's Giant. Enormous spikes with flowers of many shades of blue. Trade pkt., 40c.; \$1.50 per oz.

Bella Donna. Light turquoise blue. Trade pkt., 50c.

Formosum. Deep blue. Trade pkt., 15c.; 65c. per oz.

Formosum Coelestinum. Sky blue. Trade pkt., 25c.; \$1.00 per oz.

Rev. E. Lascelles. Flowers large and double, deep blue with white centre. Trade pkt., 40c.; \$3.00 per oz.

Cashmerianum. Large, dark blue. Trade pkt., 40c.; \$3.00 per oz.

Chinense Grandiflorum. Dwarf, blue. Trade pkt., 10c.; 35c. per oz.

Chinense Grandiflorum Album. White. Trade pkt., 10c.; 35c. per oz.

Duke of Connaught. Oxford blue, white eye. Trade pkt., 40c.; \$3.00 per oz.

Elatum (Bee Larkspur). Blue. Trade pkt., 20c.; 75c. per oz.

Nudicaule. Scarlet. Trade pkt., 40c.

Queen Wilhelmina. Soft lavender-blue, flushed with rose, white eye. Trade pkt., 40c.; \$3.00 per oz.

Zalil. Yellow. Trade pkt., 40c.

Hybridum, Mixed. All shades. Trade pkt., 10c.; 40c. per oz.

For ANNUAL LARKSPUR see page 21

*Digitalis Gloxiniaeflora*

Digitalis (Foxglove)	Trade Pkt.	Oz.
Gloxiniaeflora , Pink	\$0.10	\$0.40
" Purple .....	.10	.40
" White .....	.10	.40
" Mixed .....	.10	.30
Grandiflora , Light yellow .....	.10	.30
Monstrosa , Mixed .....	.25	.75

*Dimorphotheca-Aurantiaca Hybrida*

Dimorphotheca	Trade Pkt.	Oz.
Aurantiaca (<i>African Orange Daisy</i>). The golden orange daisy-like flowers are splendid for cutting, and especially adapted for forcing.....	\$0.20	\$0.75
Aurantiaca Hybrida . A splendid mixture of colors and shades .....	.30	1.25
Aurantiaca Hybrida , fl. pl. Double and semi-double flowers in various colors. Pkt., 15c.		

Dracena

Useful as centre plants for vases, baskets, etc. The seed is sent out in the hull or berry and should be rubbed out before sowing.

	Trade Pkt.	Oz.
Indivisa . Narrow green leaves; the popular sort for bedding or vases.....(¼ lb., \$1.00).	\$0.10	\$0.30
Australis . Broad leaves .....	.15	.50

Dolichos (*Hyalanth Bean*)

Trade Pkt. Oz.

Darkness . Purple violet .....	.10
Daylight . Pure white10
Choice Mixed	(¼ lb., 30c.) .10

Echinocystis (*Wild Cucumber Vine*)

Lobata10	.20
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Edelweiss

Gnaphalium Leontopodium. The popular Alpine .30

Eschscholtzia (*California Poppy*)

Californica . Yellow .....	.10	.20
Carmine King . Carmine rose .....	.10	.30
Golden West . Large golden yellow .....	.10	.20
Mandarin . Orange and scarlet .....	.10	.20
Orange .....	.10	.20
Rose Cardinal . Carmine rose .....	.10	.30
White .....	.10	.20
Choice Mixed .....	.10	.15

Eulalia See Grasses, page 19

Eupatorium

A fine perennial, and useful for cutting.

Fraseri . White flowers15	.50
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Euphorbia

Heterophylla (<i>Mexican Fire Plant</i>). Ornamental foliage plant, red flower bracts15	.50
Variegata (<i>Snow on the Mountain</i>). Variegated foliage and white flower bracts .....	.10	.25



Ferns

Ferns

We can supply fresh spores of the following excellent varieties of Ferns:

Adiantum Cuneatum	Pteris Magnifica
" Mixed	" Mayii
Aspidium Tensimense	" Serrulata Cristata
Cyrtomium Falcatum	" Tremula
Lomaria Gibba	" Victoria
Lygodium Scandens	" Wimsettii
Pteris Adiantoides	" Wilsoni
" Alba Lineata	" Mixed Varieties

Mixed. Many choice varieties

Any of the above varieties, 50c. per trade packet.

Feverfew (*Matricaria*)

Trade Pkt. Oz.

Double White . Fine for cut flowers.....	\$0.10	\$0.25
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Fuchsia

100 1000

Mixed . Best single and double.....	\$0.50	\$4.00
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*Gaillardia, Grandiflora***Gaillardia****Annual Varieties**

Useful for cutting, or for the mixed border.

	Trade Pkt.	Oz.
<i>Picta</i> . Single mixed.....	\$0.10	\$0.20
<i>Picta Lorenziana</i> . Double mixed.....	.10	.30

Gaillardia—Perennial Varieties

These occasionally flower the first year from seed. Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

	Trade Pkt.	Oz.
<i>Grandiflora Compacta</i> . Mixed.....	\$0.15	\$0.50
<i>Superba</i> . Mixed .....	.10	.40
<i>Sanguinea</i> . Blood red.....	.20	.75
<i>Sulphurea Oculata</i> . Sulphur yellow, maroon eye.....	.25	.75
<i>Semi-Double</i> . Mixed25	1.00

Gentiana (Blue Gentian)

<i>Acaulis</i> . Hardy perennial; blue flowers.....	.20	1.00
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Geranium

Apple Scented. Per 100 seeds, 25c.; \$1.50 per 1000 seeds.

Pelargonium (Lady Washington). Per 100 seeds, \$1.00.

<i>Zonale, Mixed</i>25	1.00
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Geum

<i>Atrosanguineum Fl. Pl.</i> Large, showy double dark crimson flowers, perennial.....	.20	.75
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Gloxinia

Carefully saved seeds from perfect flowers and shapely plants.

	Trade Pkt.	Oz.
<i>Hybrida Grandiflora, Choicest Mixed</i> . (½ trade pkt., 60c.)	\$1.00	

Godetia (Satin Flower)

Beautiful and easily grown annuals.

<i>Gloriosa</i> . Blood red .....	.10	\$0.40
<i>Choice Mixed</i>10	.25

Golden Rod

<i>Solidago Canadensis</i> . Perennial; golden yellow..	.10	.50
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Gomphrena (Globe Amaranth)

Also called "Bachelor's Buttons"; useful for bedding, also for cutting.

	Trade Pkt.	Oz.
<i>Nana Compacta</i> . Dwarf red.....	\$0.10	\$0.30
<i>Mixed</i> . All colors .....	.10	.20

Gourd (Ornamental)

<i>Calabash, or Dipper</i> . Very useful.....	.10	.20
<i>Egg-Shaped</i> . White .....	.10	.20
<i>Hercules Club</i> . Club-shaped; 4 feet long.....	.10	.20
<i>Luffa (Dish Rag or Bonnet Gourd)</i>.....	.10	.20
<i>Orange-Shaped (Mock Orange)</i>.....	.10	.20
<i>Pear-Shaped</i> . Striped; very showy.....	.10	.20
<i>Serpent</i> . Striped like a serpent; 5 feet long.....	.10	.20
<i>Sugar Trough</i> . Used as water holders.....	.10	.20
<i>Mixed</i> . In a great variety.....	.10	.15

Grasses (Ornamental)**Annual Varieties**

<i>Avena Sterilis (Animated Oats)</i>.....	.10	.15
<i>Briza Maxima (Quaking Grass)</i>.....	.10	.20
<i>Bromus Brizaeformis</i> .....	.10	.15
<i>Coix Lachrymae (Job's Tears)</i>.....		.10
<i>Hordeum Jubatum (Squirrel Tail Grass)</i>.....	.10	.40
<i>Pennisetum Longistylum</i> .....	.10	.30
<i>Pennisetum Ruppelianum (Purple Fountain Grass)</i>.....	.10	.30

Perennial Varieties

<i>Arundo Donax (Great Reed)</i>.....	.15	.50
<i>Eulalia Japonica</i> .....	.10	.30
<i>Gynerium Argenteum (Pampas Grass)</i>.....	.10	.40
<i>Stipa Pennata (Feather Grass)</i>.....	.15	.60

Grevillea (Silk Oak)

<i>Robusta</i> . An ornamental foliage plant, grown extensively for vase work and very easily grown from seed20	.75
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*Gerbera Jamesoni***Gerbera (Transvaal Daisy)**

Splendid greenhouse perennials, with large daisy-like flowers; fine for pot plants or for cutting.

Jamesoni Gigantea. Immense scarlet flowers. Per 100 seeds, 75c.

Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades. Per 100 seeds, 75c.

*Gypsophila paniculata, fl. pl.***Gypsophila (Baby's Breath)**

Free flowering plants of easy culture, excellent for cutting to mix with other flowers.

Trade Pkt. Oz.

Elegans Alba Grandiflora. Hardy annual variety; flowers pure white.....($\frac{1}{4}$ lb., 40c.) \$0.10 \$0.15

Paniculata. Perennial; graceful sprays of white flowers10 .40

Paniculata Fl. Pl. Perennial, with double white flowers. Per pkt., 20c.

Helenium

Autumnale Superbum. Perennial golden yellow flowers25 1.25

Helianthus (See Sunflower)*Helichrysum (Straw Flower)***Helichrysum (Straw Flower)**

The varieties offered below are all of the Monstrosum type, producing larger and more perfectly double flowers than the old variety. Valuable for cutting or decoration, either when fresh or in their dried state.

Trade Pkt. Oz.

Fireball. Crimson\$0.25 \$0.75

Golden Ball. Golden yellow25 .75

Salmon Pink25 .75

Silver Ball. White25 .75

Choice Mixed10 .40

Heliopsis (Orange Sunflower)

Trade Pkt. Oz.

Pitcheriana. Perennial; deep golden yellow flowers; excellent for cutting.....\$0.10 \$0.40

Heliotrope

Highly prized on account of the delightful fragrance of the flowers; excellent for pots or bedding.

Trade Pkt. Oz.

Lemoine's Giant Hybrids. Immense flowers\$0.40 \$1.50

Regal. Dwarf large flowering .40 2.00

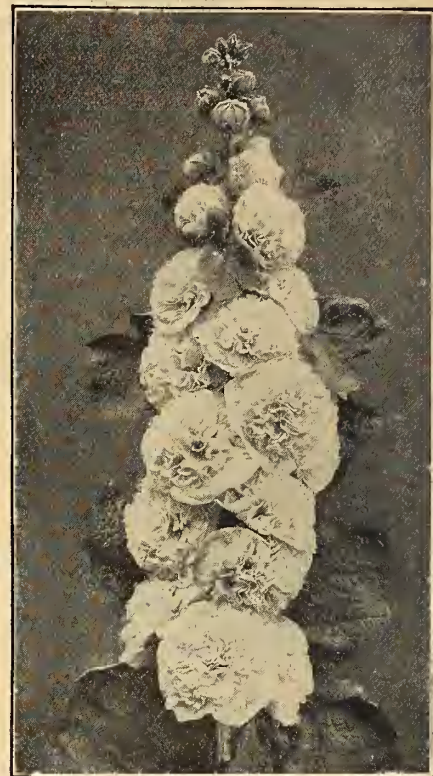
Choice Mixed20 1.25

Heuchera (Alum Root)

Trade Pkt. Oz.

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting.. 40 2.25

See pages 2
to 7 for Novel-
ties and Spe-
cialties in
Flower Seeds.

*Hollyhocks***Hollyhock**

Our seed of this popular perennial plant is saved from extra fine double flowers and cannot be surpassed.

Trade Pkt. Oz.

Chater's Double Maroon\$0.25 \$0.75

" " **Pink**25 .75

" " **Red**25 .75

" " **Salmon**25 .75

" " **White**25 1.00

" " **Yellow**25 .75

" " **Mixed**20 .60

Allegheny Semi-Double Fringed Mixed.....20 .75

Double Hybrid Everblooming Mixed. Flowers the first year from seed.....25 .75

Single Hybrid Everblooming Mixed. Flowers the first year from seed.....20 .60

Single Mixed15 .50

Hibiscus (Marshmallow)

Showy ornamental plants with large and beautifully colored flowers.

Trade Pkt. Oz.

New Giant (Mallow Marvel). Mixed.....\$0.25 \$0.75

Crimson Eye. White with crimson centre.....15 .40

Golden Bowl. Yellow, with maroon centre.....15 .60

Moscheutos. Large pink flowers.....10 .30

Honesty (Lunaria Biennis)

Hardy biennial; admired for its silvery seed panicles10 .30

Hordeum. See Grasses, page 19**Humulus (Japanese Hop)**

A rapid-growing annual climber; very ornamental.

Trade Pkt. Oz.

Japonicus. Green foliage.....\$0.10 \$0.25

Variegatus. Leaves mottled with white.....10 .30

Hunnemannia (Giant Yellow Tulp Poppy)

Will produce flowers from July till frost; good for cutting.

Trade Pkt. Oz.

Fumariaefolia\$0.10 \$0.35

Profitable Flower Seed Novelties For the Florist

Valuable for cutting or decoration, either when fresh or in their dried state.

Helichrysum (Straw Flower)

Large double flowers with long stems		Trade Pkt.	Oz.
Fireball.	Rich crimson.	25c	\$.75
Golden Ball.	Rich golden yellow.	25c	.75
Salmon Pink.		25c	.75
Silver Ball.	Pure white.	25c	.75

Acroclinium

Double Rose Pink.		25c	.75
Double White.		25c	.75

Rhodanthe

Double Pink.		25c	\$2.50
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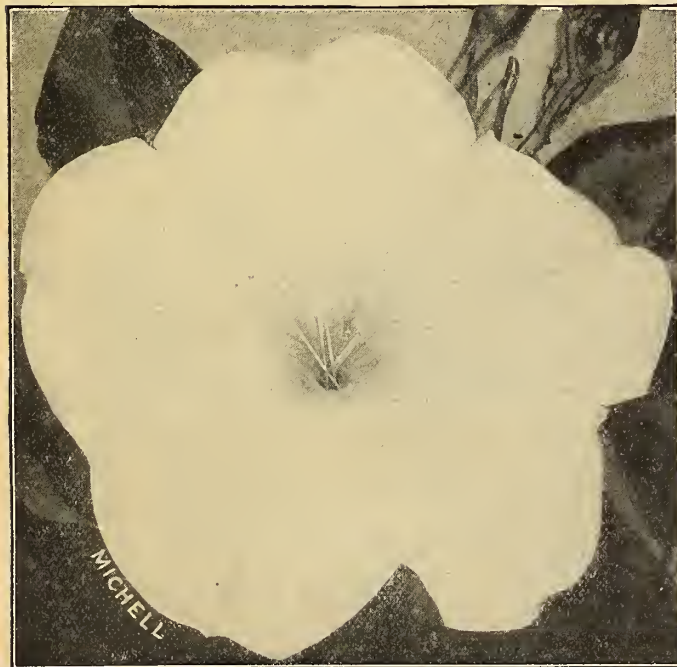
*Impatiens, Holsti Hybrids***Impatiens (Sultan's Balsam)**

An elegant plant for house and conservatory decoration.

	Trade Pkt.	Oz.
Holsti. Vermilion red.....	\$0.40	
Holsti New Hybrids. Various colors.....	.40	
Sultani. Bright rose .....	.40	
Sultani Hybrids. Various colors.....	.40	

Incarvillea (Hardy Gloxinia)

Delavayi. Gloxinia-like flowers of a deep pink..	.40	\$2.00
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*Ipomoea, (Moon Flower)***Ipomoea**

	Trade Pkt.	Oz.
Noctiflora (Moon Flower). Large white. Lb., \$4.50; \$1.25 ¼ lb.....	\$0.15	\$0.50
Grandiflora Superba. Blue, edged white.....	.10	.15
Heavenly Blue (Rubra Cocrulea).....	.15	.50
Quamoclit Hybrida (Cardinal Climber). Fiery, car- dinal red .....	.50	3.00
Setosa (Brazilian Morning Glory). Pink.....	.10	.30
Mixed .....	.10	.15

Iris (Flowering Flag)

	Trade Pkt.	Oz.
Kaempferi (Japanese Iris). Mixed colors.....	\$0.10	\$0.30

Kenilworth Ivy

Linaria Cymbalaria. Flowers violet.....	.25	1.50
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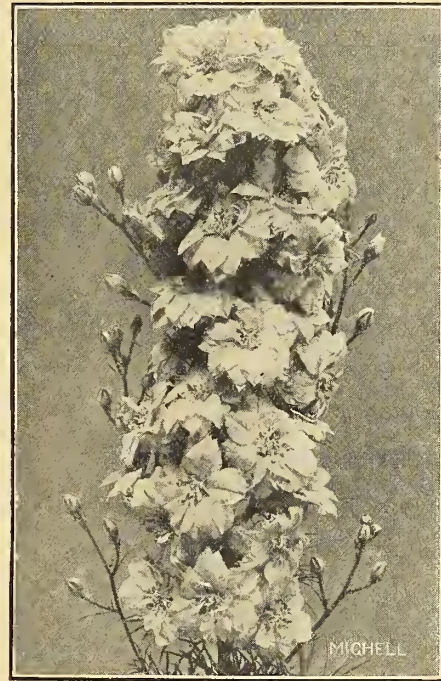
Kochia (Summer Cypress, or Mexican Fire Bush)

Trichophylla. A very popular annual.....	.10	.15
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Lantana

A valuable plant for bedding, pot culture or vases.

Dwarf Compact Mixed.....	.15	.40
Choice Mixed .....	.10	.25

*Larkspur, Double Tall Stock, Flowered***Larkspur (Annual)**

A very popular annual for cutting.

	Trade Pkt.	Oz.
Tall Stock Flowered Dark Blue.....	\$0.10	\$0.50
" " " Sky Blue .....	.10	.50
" " " Shell Pink .....	.10	.50
" " " White .....	.10	.50
" " " Mixed .....	.10	.25
Giant Hyacinth Flowered Shell Pink.....	.10	.50
" " " White .....	.10	.50
" " " Dark Blue .....	.10	.50
" " " Mixed .....	.10	.30
Queen of the Pinks. Splendid for cutting or forc- ing; delicate salmon-pink .....	.15	.50
Dwarf Double Rocket. Mixed colors.....	.10	.15

Lathyrus Latifolius (Perennial Pea)

Crimson .....	.10	.30
Pink Beauty. Bright pink.....	.15	.50
White .....	.10	.35
Choice Mixed .....	.10	.35

Lavatera

Splendens Rosea. A splendid annual for cutting and decorative work; pink flowers.....	.15	.50
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Lavender

Lavandula Vera (True). Fragrant blue flowers..	.15	.50
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Leptosyne

Maritima. Free-flowering annual, with large, sin- gle yellow flowers; fine for cut flowers.....	.30	1.25
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Lily of the Valley

Convallaria Majalis30	1.50
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Linum

Grandiflorum Rubrum (Scarlet Flax).....	.10	.15
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*Lobelia, Crystal Palace Compacta***Lobelia**

One of the best plants for edging beds, or for pots, baskets and vases. Seed should be sown early.

	Trade Pkt.	Oz.
Crystal Palace Compacta. This is the leading dwarf variety, having dark blue flowers carried erect	\$0.30	\$1.25
Barnard's Perpetual. Dwarf; blue with white eye, trailing .....	.25	1.25
Sapphire. A beautiful trailing variety, deep blue with white eye .....	.40	
Crystal Palace Speciosa. The best trailing sort for baskets and vases; deep blue .....	.15	.50
Emperor William. Dwarf, light blue .....	.25	1.25
Gracilis. Light blue, trailing .....	.15	.50
White Gem. Pure white; dwarf .....	.25	1.50
Choice Mixed .....	.15	.50

Lobelia Perennial

Cardinalis (<i>The Cardinal Flower</i>). Stately plants with spikes of cardinal red flowers40	2.25
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Lophospermum

Scandens. For hanging baskets, vases, etc.30	1.50
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Lupinus (Annual)

This is one of the most popular forcing annuals. Six weeks from day of germination will produce the flower; very showy and keep well after cutting. An easy seller.

	Trade Pkt.	Oz.
Mitchell's Pink Beauty. This is by far the best; color a most pleasing delicate salmon pink. This may be grown in single spikes or branching; both are good	\$0.10	\$0.40
Blue .....	.10	.25
Pink .....	.10	.25
Scarlet, White Tipped .....	.10	.25
White .....	.10	.25
Yellow .....	.10	.40
Mixed .....	.10	.20

Lupinus—Perennial Varieties

Showy plants for semi-shady spots.

Polyphyllus Roseus. Soft pink .....	.25	1.00
" Somerset (New). Yellow .....	.30	1.25
" Blue .....	.10	.20
" White .....	.10	.20
" Mixed. All colors .....	.10	.15

Lychnis

Chalcedonica. Perennial; scarlet; 2 feet .....	.10	.35
Arkwrightii (New). A cross between Lychnis Chalcedonica and Haageana. Many shades in orange, pink, cream and scarlet to dark velvety maroon. Per pkt., 25c.		
Haageana Hybrida. Mixed, 8 inches .....	.20	1.50

Lythrum

Roseum Superbum. Stately spikes of pink flowers, 3 feet, August. Trade pkt., 10c.; 30c. per oz.

Marigold. See next page

Marvel of Peru (Four O'clocks)

Mixed. Oz., 10c.; 30c. per ¼ lb.

Matricaria. See Feverfew

Matthiola

Bicornis (*Evening Scented Stock*). Purplish lilac. Trade pkt., 10c.; 20c. per oz.

*Maurandia***Maurandia**

A splendid flowering plant for vases, baskets, etc.

Barclayana. Purple .....	.25	1.50
Choice Mixed .....	.25	1.25

Mesembryanthemum

Cordifolium Variegatum. Pink flowers .....	.40	
Crystallinum (<i>Ice Plant</i>). White flowers .....	.10	.25
Tricolor (<i>Wax Plant</i>). Various colors .....	.15	.50

Mignonette. See next page

Mimulus

Moschatus (<i>Musk Plant</i>). Yellow flowers; fragrant foliage .....	.30	1.75
Tigrinus (<i>Monkey Flower</i>). Mixed .....	.25	1.25

*Annual Lupinus*



Marigold, Eldorado

Marigold

Dwarf French Varieties

	Trade Pkt.	Oz.
Double Pulchra. Yellow and brown.....	\$0.10	\$0.40
Gold Striped. Double .....	.10	.25
Legion of Honour (Little Brownie). Single, yellow and red .....	.10	.25
Liliput. Very dwarf, mixed .....	.15	.40
Dwarf French Mixed .....	.10	.20

Marigold—African Varieties

El Dorado. Tall growing sort, double orange....	.10	.30
Orange Prince. Rich orange yellow, double.....	.15	.50
Lemon Queen. Clear lemon yellow, double.....	.15	.50
Pride of the Garden. Golden yellow, dwarf.....	.15	.40
Tall Double Mixed10	.20

Mina

Lobata. A rapid growing climber.....	.25	1.00
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Moonflower (See Ipomoea)

Morning Glory (See Convolvulus)



Myosotis—Alpestris Victoria



Mignonette

	Trade Pkt.	Oz.
Michell's Colossal. One of the finest sorts for forcing. Colossal spikes from 18 to 24 inches high, with massive flowers.....	\$0.40	\$4.00
Hoehl's Giant Flowering. Grown by a specialist; seeds saved from specimen plants.....	.50	6.00
Allen's Defiance. Large spikes.....(¼ lb., \$1.25)	.15	.40
Bismarck. Large compact heads.....	.20	.60
Machet. Improved and selected.....(¼ lb., 75c.)	.10	.25
Golden Machet. Yellow .....	.10	.25
Goliath. Giant spikes .....	.15	.50
Sutton's Giant. Fine, large reddish buff. Original pkts., 30c.		
Miles' Spiral. Good for outdoor.....(¼ lb., 50c.)	.10	.15
Parson's White. Almost white.....	.10	.20
Sweet Scented. Large flowering.....(¼ lb., 25c.)		.10

Musa

Ensete (Abyssinian Banana). 40c per 25 seeds; 100 seeds, \$1.00.

Myosotis (Forget-Me-Not)

	Trade Pkt.	Oz.
Alpestris Victoria. Bright blue; the best for bedding; dwarf and compact.....	.25	.75
Ruth Fischer. Flowers large, and of true Forget-Me-Not blue .....	.50	
Dissitiflora. Deep blue.....	.30	2.25
Eliza Fanrobert. Blue; fine for pots.....	.20	1.00
Palustris. Heavy, robust plants, deep blue.....	.30	2.00
“Semperflorens. Everblooming, blue....	.25	2.00
Grandiflora Alba. White .....	.20	.75
“Rosea. Pink .....	.20	.75
Royal Blue. Erect growing; blue.....	.30	1.00
Choice Mixed .....	.15	.50



Michell's Giant Flowering Nasturtiums

Nasturtiums

Dwarf or Tom Thumb Varieties

	Oz.	¼ lb.	lb.
Michell's Giant Flowering Mixed.....	\$0.15	\$0.30	\$0.75
Choice Mixed.....(10 lbs., \$5.00)	.10	.20	.60
Liliput Mixed. Very dwarf, good for pots	.10	.25	.75
Queen of Tom Thumb Mixed. Silver variegated foliage, very showy.....	.10	.30	1.00
Queen of Tom Thumb Crimson.....	.15	.40	1.25
Golden Foliage Mixed.....	.10	.30	1.00
Geranium Leaved. Scarlet.....	.20	.50	1.75
Ivy Leaved Mixed.....	.10	.30	1.00
David Burpee Spencer. Plants compact; leaves wavy and ruffled; flowers deep scarlet.....	.20	.50	1.50
Aurora. Bright orange.....	.10	.20	.70
Beauty. Red and yellow.....	.10	.20	.70
Bronze. Burnished bronze color.....	.10	.20	.70
Chameleon. Various colors on the same plant.....	.10	.20	.70
Cloth of Gold. Scarlet, yellow foliage.....	.10	.20	.70
Crystal Palace Gem. Sulphur yellow, spotted maroon.....	.10	.20	.70
Empress of India. Deep crimson, dark foliage.....	.10	.20	.70
Golden Queen. Yellow flowers and foliage.....	.10	.20	.70
Golden King. Golden yellow.....	.10	.20	.70
King of Tom Thumbs. Dark scarlet.....	.10	.20	.70
King Theodore. Dark foliage, flowers almost black.....	.10	.20	.70
Lady Bird. Yellow and red.....	.10	.20	.70
Pearl. White.....	.10	.20	.70
Pink.....	.10	.20	.70
Prince Henry. Cream, spotted and tipped red.....	.10	.20	.70
Scarlet.....	.10	.20	.70
Spotted. Orange, spotted crimson.....	.10	.20	.70
Vesuvius. Salmon pink, dark leaved.....	.10	.20	.70
Yellow.....	.10	.20	.70

Nasturtiums—Continued

Climbing or Trailing Varieties

	Oz	¼ lb.	lb.
Michell's Giant Flowering Mixed.....	\$0.15	\$0.30	\$0.75
Choice Mixed.....(10 lb., \$3.00)	.10	.15	.35
Queen of Talls, Mixed. Mottled foliage....	.10	.25	.75
Hybrids of Madame Gunther, Mixed. Beautiful deep blue foliage, velvety flowers....	.10	.20	.50
Ivy Leaved Mixed.....	.10	.30	1.00
Chameleon. Various colors on the same plant.....	.10	.20	.60
Crimson.....	.10	.20	.60
Hemisphaericum. Orange salmon and scarlet.....	.10	.20	.60
Jupiter. Yellow crinkled, very fine.....	.10	.20	.60
King Theodore. Dark foliage, flowers almost black.....	.10	.20	.60
Orange.....	.10	.20	.50
Prince Henry. Cream, spotted and tipped red.....	.10	.20	.60
Pearl. Creamy white.....	.10	.20	.60
Pink.....	.10	.20	.60
Scarlet.....	.10	.20	.60
Vesuvius. Salmon pink, dark leaved.....	.10	.20	.60
Yellow.....	.10	.20	.60

Lobb's Climbing

Asa Gray. Yellowish white.....	.10	.20	.70
Brilliant. Glowing scarlet.....	.10	.20	.70
Giant of Battles. Yellow, with carmine....	.10	.20	.70
Golden Queen. Golden yellow.....	.10	.20	.70
Roi des Noirs. Dark garnet red.....	.10	.20	.70
Rudolph Virchow. Fine ruby rose.....	.10	.20	.70
Spitfire. Brilliant scarlet.....	.10	.20	.70
Choice Mixed. Lobb's varieties.....	.10	.15	.50

Nemesia. See next page

Nemophila. See next page

Nicotiana. See next page

Nierembergia. See next page



Nigella—Miss Jekyll

Nigella (Love in a Mist)

	Trade Pkt.	Oz.
Damascena. Double mixed.....	\$0.10	\$0.15
Miss Jekyll. Beautiful clear blue, excellent for cutting.....	.10	.30

Nemesia

Trade Pkt. Oz.

Strumosa Suttoni. Annual; flowers large, varying in color from creamy white to deep orange and carmine\$0.30 \$2.00

Nemophila (Love Grove)

Mixed. A very pretty annual of easy culture.... .10 .15

Nicotiana (Ornamental Tobacco)

An easily grown annual; either for beds or clumps in borders.

Affinis. Large white fragrant flowers.....\$0.10 \$0.25

Hybrids. Mixed colors15 .40

Sanderae. Flowers carmine red..... .15 .40

Sylvestris. Pure white, fragrant..... .10 .25

Nierembergia

Frutescens. White, tinted with lilac..... .15 .60

Nigella. See page 24**Oenothera (Evening Primrose)**

Mixed. Annual varieties..... .10 .15

Paeony

Trade Pkt. Oz.

Mixed. Double and semi-double.....\$0.25 \$1.25

Paris Daisy. See Chrysanthemum

Passiflora (Passion Flower)

Mixed20 1.00

Pelargonium. See Geranium

Pennisetum. See Grasses, page 19

Pentstemon

Sensation. Annual variety; mixed colors..... .30 1.75

Barbatus Torreyi. Perennial, scarlet15 .50

Digitalis. Perennial, white10 .40

Mixed. Hardy perennial10 .40

Perilla

Nankinensis. Dark purple foliage plant..... .10 .15

MICHELL'S GIANT PANSIES**Pansies in Mixtures**

Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and brilliancy of colors and shades.

Michell's Giant Exhibition Mixed. A giant strain which we have secured from the leading Pansy specialists. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per ½ trade pkt.; trade pkt., 50c.; 75c. per ⅓ oz.; per oz., \$5.00.

Triumph of the Giants Mixed. A very robust grower, producing on long stems flowers of immense size and of unusual substance; the petals being very broad and overlapping each other make the flowers appear almost double; many beautiful, rich and rare shades. 60c. per ½ trade pkt.; trade pkt., \$1.00; \$1.75 per ¼ oz.; per oz., \$6.00.

Bugnot, Odier and Cassier. Superb mixture\$0.50 \$4.00

Giant Trimardeau. Very large flowering. .30 1.00

Mad. Perret. Blooms very early; fragrant; especially rich in red shades.... .50 2.50

Masterpiece (Frisled Pansy). Flowers beautifully curled or waved..... .50 4.00

Odier or Blotched. A beautiful strain... .50 2.50

Parisian Large Stained. Large flowering .40 2.00

Finest English Mixed. Large flowering. .25 .75

Very Fine Mixed...... .15 .50

Pansies—Giant Sorts in Separate Colors

	Trade Pkt.	Oz.
Giant Prize Azure Blue	\$0.40	\$1.75
" " Black Blue .....	.40	1.75
" " Emperor William. Blue....	.40	1.75
" " Hortensia Red .....	.40	2.00
" " King of the Blacks.....	.40	1.75
" " Lord Beaconsfield. Purple violet .....	.40	1.75
" " Peacock. Blue, claret and white .....	.40	2.50
" " Snow Queen. Pure white. ..40	.40	1.75
" " Striped and Mottled .....	.40	1.75
" " White with Eye .....	.40	1.75
" " Pure Yellow .....	.40	1.75
" " Yellow with Eye .....	.40	1.75

Easton, Pa.

Gentlemen:—Your Pansy seed I bought last year produced the finest flowers I ever raised. I could have sold many more if I would have had them.

Yours very truly,

S. H.



Michell's Giant Exhibition Pansy

Pansies—Regular Sorts in Separate Colors

	Trade Pkt.	Oz.
Belgian Striped	\$0.25	\$1.00
Emperor William. Ultramarine blue.....	.25	1.00
Faust, or King of the Blacks.....	.25	1.00
Gold Margined. Purple, golden edge.....	.25	1.25
Havana Brown .....	.25	1.25
Lord Beaconsfield. Purple violet .....	.25	1.00
Mahogany Colored .....	.25	1.25
Silver Edged. Purple, silver edge.....	.25	1.00
Snow Queen. Pure white.....	.25	1.00
White with Eye .....	.25	1.25
Yellow Gem. Pure yellow.....	.25	1.25
Yellow with Eye .....	.25	1.25

Michell's Petunias

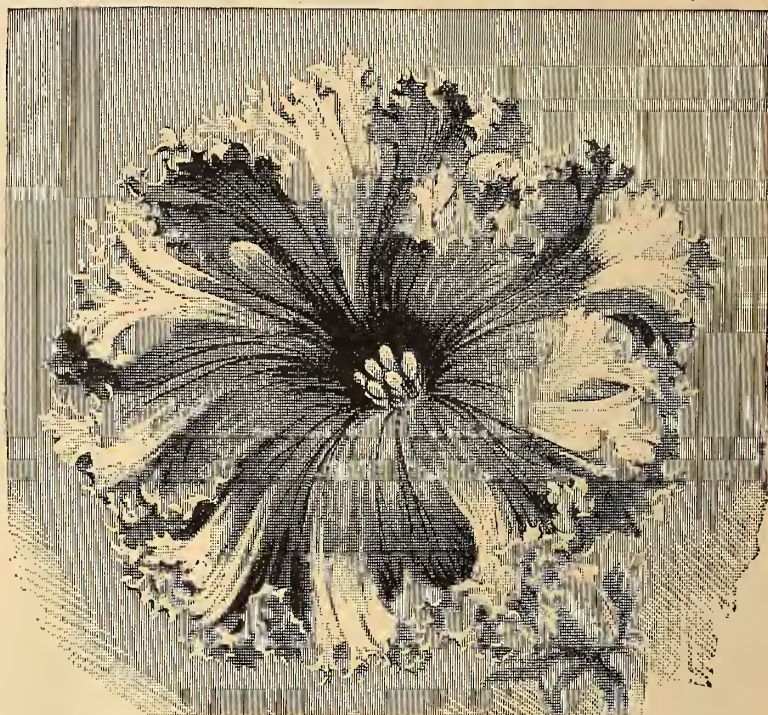
We call special attention to our Large Flowering strains of Petunias, which for size and brilliancy of coloring cannot be surpassed.

Single Flowering

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
California Giants. Strong, robust plants; immense flowers of bright and desirable colors (1/16 oz., \$2.00)	\$0.30	\$0.50	
Grandiflora Fringed. Each petal of these giant flowers is delicately fringed; all colors (1/16 oz., \$1.25) .....	.30	.50	
Monstrosus (Michell's). Extra large flowers, many of which are finely fringed; all colors mixed.....	.60	1.00	
Ruffled Giants. Large flowers finely ruffled and frilled at edges.....	.30	.50	
Dwarf Large Flowering Fringed. Compact plants with large fringed flowers of many colors and shades. Per pkt., 25c.; 65c. per 3 pkts.			
Dwarf Inimitable. Of dwarf, compact habit; flowers striped and blotched .....	.30	.50	\$1.25
Rosy Morn. Dwarf, bushy plants, with brilliant rose-colored flowers with a white throat.....	.30	.50	1.25
Enchantress. Dwarf; flowers of many shades and colors.....	.30	.50	1.50
Snowball. Dwarf, pure white.....	.30	.50	1.50
Star. A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star..	.30	.50	1.50
Ideal. A new dwarf strain of robust growth; immense flowers of varied and exquisite coloring. Pkt., 25c.; 65c. per 3 pkts.			
	Trade Pkt.	Oz.	
Adonis. Rosy carmine with white throat	\$0.30	\$1.00	
Choice Mixed.....	.25	.75	
Fine Mixed .....	.15	.50	



Double Fringed Petunia



Petunia—Grandiflora Fringed

Petunia—Double Flowering

As the seed of the double varieties is obtained by hybridization it will not produce all double flowers, but the singles will be unusually fine. The weaker seedlings should receive great care, as they usually produce the finest double flowers.

Double Fringed Mixed. Superb colors and of mammoth size. Per 500 seeds, 75c.; \$1.50 per 1000 seeds.

Double Fringed White. Extra large. Per half trade pkt., 60c.; \$1.00 per trade pkt.

Physostegia

Perennial, bearing delicate tubular flowers.

Virginica. Pink. Trade pkt., 15c.; 60c. per oz.

Virginica Alba. White. Trade pkt., 25c.; \$1.00 per oz.



Petunia—Rosy Morn

*Phlox Drummondii, Grandiflora***PHLOX DRUMMONDII****DWARF OR COMPACT VARIETIES**

	½ Trade Pkt.	Trade Pkt.	Oz.
"Cecily." Large flowering mixed.....	\$0.30	\$0.50	\$1.75
Crimson with White Eye.....	.25	.40	2.00
Deep Scarlet.....	.25	.40	2.00
Fair Maid. Soft pink.....	.25	.40	2.25
Fireball. Brilliant scarlet.....	.25	.40	2.00
Pink.....	.25	.40	2.00
Snowball. Pure white.....	.25	.40	2.00
Violet with White Eye.....	.25	.40	2.00
Choicest Mixed.....	.25	.40	1.25

PHLOX—GRANDIFLORA VARIETIES

	Trade pkt.	Oz.
Alba. Pure white.....	\$0.25	\$1.00
Coccinea. Scarlet.....	.25	1.00
Pink.....	.25	1.00
Stellata Splendens. Scarlet, with white eye.....	.25	1.00
Choicest Mixed.....	.20	.75

PHLOX—VARIOUS SORTS

Fine Mixed.....	.15	.50
Double Mixed.....	.25	1.50
Star of Quedlinburg. Mixed.....	.25	1.25
Hardy (Decussata). Choice mixed.....	.25	1.25

PLATYCODON (Chinese Bell Flower)

Grandiflorum, Blue. Perennial.....	.20	1.00
Grandiflorum, White. Perennial.....	.20	1.00
Japonicus Fl. Pl. Double blue.....	.30	1.75

POLYANTHUS (Primula Elatior)

Gold Laced. Very showy.....	.40	2.25
Double Mixed.....	.50	
English. Single mixed.....	.25	1.25

POPPY**DOUBLE ANNUAL VARIETIES**

	Trade pkt.	Oz.
Carnation Flowered. Mixed (¼ lb. 25c.)..		\$0.10
Crimson King. Crimson.....	\$0.10	.15
Fairy Blush. White, fringed and tipped with rose.....	.10	.15
Mikado (<i>Striped Japanese</i>).....	.10	.15
Paeony Flowered, White.....	.10	.20
" " Yellow.....	.10	.20
" " Scarlet.....	.10	.20
" " Mixed (¼ lb. 25c.).....	.10	.10
Shirley. Mixed colors.....	.10	.15

POPPY—SINGLE ANNUAL VARIETIES

Shirley. Large flowers of many beautiful colors and shades (¼ lb. 50c.).....	.10	.20
Admiral. Pure white with scarlet edge.....	.10	.15
King Edward. Deep scarlet.....	.10	.30
Danebrog. Scarlet with white spot.....	.10	.15
Maid of the Mist. White, fringed flowers..	.10	.15
Miss Sherwood. Chamois rose.....	.10	.15
Tulip. Glowing scarlet.....	.10	.30
Umbrosum. Rich vermillion.....	.10	.15

POPPY—PERENNIAL VARIETIES

Giant Scarlet.....	.10	.30
Iceland, Single Mixed.....	.15	.60
" White.....	.15	.75
" Yellow.....	.15	.75
" Double Mixed.....	.25	1.25
Oriente. Deep scarlet.....	.20	.60
" Mrs. Perry. Rich salmon pink.....	.40	2.00
" Beauty of Livermere. Crimson with black blotch.....	.40	2.00
" Princess Victoria Louise. Beautiful salmon pink.....	.40	2.25
" Hybrids. Mixed colors.....	.25	1.00

PORTULACA

Double. Large flowering, mixed.....	.25	1.50
Single. Large flowering, mixed (¼ lb., 75c.)	.10	.25

*Oriente Poppy*

Michell's "Distinctive" Primulas



Michell's Prize Chinese Primula

MICHELL'S "DISTINCTIVE" PRIMROSES PRIMULA CHINENSIS

It is with no little amount of pride we offer this superb strain, grown for us exclusively by the best specialists in Europe. The plants are compact, individual and clusters of flowers immense, colors superb and mostly fringed petals. If you grow Primulas remember Michell's "Distinctive" Strain cannot be surpassed.

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains. (1/16 oz. \$2.00).....	\$0.60	\$1.00
Alba Magnifica. White. (1/32 oz. \$1.50).....	.60	1.00
Chiswick Red. Bright red (1/32 oz. \$1.75).....	.60	1.00
Duchess. Large, white with zone of rosy carmine; yellow eye. (1/32 oz. \$1.75).....	.60	1.00
Holborn Blue. (1/32 oz. \$2.00).....	.60	1.00
Kermesina Splendens. Crimson. (1/32 oz. \$1.75).....	.60	1.00
Rosy Morn. Pink. (1/32 oz. \$2.50).....	.60	1.00
Pink Pearl (New). Brilliant. Pkt., 35c.		
Sutton's Stellata (Star Primrose). Excellent pot plant; mixed. Original pkts., 65c.		
Fern Leaved Mixed. (1/16 oz. \$2.00).....	.60	1.00

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger and produced in greater abundance. These are splendid pot plants and stay in bloom the entire winter.

	$\frac{1}{2}$ oz.	Trade Pkt.
Lilacina. Pale lilac.....	\$1.75	\$0.50
Rosea. Pink.....	1.75	.50
Kermesina. Deep crimson.....	2.25	.50
Alba. White.....	1.25	.50
Hybrida Mixed	1.25	.50

PRIMULA OBCONICA GRANDIFLORA

Trade Pkt

Grandiflora Compacta. Dwarf compact growing plants, flowers rosy lilac. (1/16 oz \$1.50).....	\$0.50
Grandiflora Fimbriata. Fringed flowers; mixed colors (1/16 oz. \$1.50).....	.50
Vesuvius. Deep crimson (1/32 oz \$1.25).....	.50
Crispa. Large flowers which are crisped or curled. color from apple blossom pink to rose. (1/16 oz \$1.50).....	.50

PRIMULA, VARIOUS SORTS

Malacoides. Resembles Primula Forbesi. but the flowers are much larger; if grown in a greenhouse it will bloom in four to five months after sowing, color light lilac (1/16 oz., \$1.00).....	.50
Malacoides Alba. Pure white (1/16 oz., \$1.00).....	.50
Malacoides Rosea. Color, light rose to carmine rose.....	.50
Malacoides Superba. (New) Large flowers of a deep rosy pink color. Orig. pkt., 20c.	
Kewensis (Verbena Scented Yellow Primrose). Of strong, vigorous growth, long spikes of large, soft yellow flowers. (1/16 oz. \$1.75).....	.50
Buttercup. Yellow. (1/32 oz. \$1.50).....	.50
Cortusoides Sieboldii. Mixed colors.....	.50
Forbesi (Baby Primrose). Fine for pots; color, rosy lilac. (1/16 oz., \$1.25).....	.50
Veris (Cowslip). Mixed. (Oz., \$1.25).....	.25
Vulgaris (English Yellow Primrose). (Oz. \$1.50).....	.30

AURORA, ILL., Feb. 2 1915.

GENTLEMEN:—The seeds I got from you recently are fine, better than I have ever had from any other source.

Yours truly,

C. N. FLORIST.



Primula Malacoides

Pueraria (Kudzu Vine)

Thunbergiana. Perennial climber rosy purple pea-shaped flowers Trade Pkt. Oz.
\$0.15 \$0.50



Pyrethrum "Aureum"

Pyrethrum**Foliage Sorts For Bedding**

Aureum (Golden Feather). Yellow foliage..... Trade Pkt. Oz.
\$0.10 \$0.25
Selaginoides. Yellow fern-like foliage..... .15 .60

Pyrethrum—Flowering Sorts (Perennial)

Roseum. Pink25 1.50
Uliginosum (Giant White Daisy)..... .25 1.50
Hybridum. Single mixed25 1.50
" Double mixed..... (1/2 oz., \$1.50) .50

Rhodanthe (Everlasting Flower)

Double Pink. Fine for cutting; annual25 2.50
Mixed. Hardy annual..... .15 .50



Ricinus (Castor Oil Bean)

Ricinus (Castor Oil Bean)

There is always a good demand for these plants.
Michell's Giant. A new hybrid of gigantic size; stems and stalks covered with a blue bloom; leaves dark brown..... Oz. 1/4 lb. Lb.
\$0.20 \$0.60 \$2.00
Borboniensis. Green foliage; 15 feet..... .10 .30 1.00
Cambodgensis. Bronzy maroon; 5 feet.... .10 .30 1.00
Gibsoni. Dark red; 5 feet..... .10 .30 1.00
Sanguineus. Blood-red stalks; 8 feet..... .10 .30 1.00
Zanzibariensis. Large; various colors; 12 ft. .10 .30 1.00
Mixed. All sorts10 .25 .75

Rudbeckia (Cone Flower)

Tall growing plants, flowering profusely all summer.

Trade Pkt. Oz.
Bicolor Superba. Yellow flowers, brown centre..\$0.10 \$0.30
Newmani. Hardy perennial, yellow..... .30 1.00
Purpurea (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers..... .25 1.00

Saintpaulia (African Violet)

Ionantha. Similar to violets in color and form.
Per pkt., 20c.

Salpiglossis

Very showy annuals; excellent for cutting.

Grandiflora, Black, Yellow Veined..... .25 1.00
" **Carmine**25 1.00
" **Crimson**25 1.00
" **Pink**25 1.00
" **Choice Mixed**20 .75
Emperor. Choice mixed, large flowering..... .30 1.00



Salvia, Michell's Scarlet Glow

Salvia (Flowering Sage)

Much of the Salvia we offer this year has been saved from specimen plants grown at our own grounds at Andalusia, Pa., under our own supervision. Seeds are plump, strong in germination and will give superior satisfaction.

Michell's Scarlet Glow (New). An improvement on the Zurich; plants dwarf and compact; early flowering, with a mass of brilliant scarlet flowers..... 1/2 Trade Trade Pkt. Oz.
\$0.30 \$0.50 \$3.00
Bonfire (Clara Bedman). Medium dwarf, scarlet. One of the best varieties..... .25 .40 2.50
Ostrich Plume (New). The spikes of flowers resemble a plume, and are of the brightest scarlet..... (1/4 oz., \$1.50) .30 .50
Ball of Fire. Medium dwarf; scarlet..... .30 .50 2.50
Zurich. Dwarf, intense scarlet flowers, early flowering30 .50 4.00
Splendens (Scarlet Sage). Scarlet..... .25 1.25
King of Carpets. Plants are only 18 inches high and produce flowers right from the bottom; color bright scarlet..... .30 .50 2.50
Patens. Blue30 .50
Azurea Grandiflora. Perennial, sky blue.. .25 1.25
Farinacea. A perennial variety, but best treated as an annual; color, light blue.... .25 1.00

*Scabiosa, Grandiflora***Scabiosa (Mourning Bride)**

	Trade Pkt.	Oz.
Grandiflora, Azure Fairy. Light blue.....	\$0.15	\$0.75
" Cherry Red .....	.15	.75
" Flesh Pink .....	.15	.75
" King of the Blacks. Deep purple...	.15	.75
" Pompadour. Purple and white.....	.15	.75
" Sulphur Yellow .....	.15	.75
" White .....	.15	.75
" Choice Mixed .....	.10	.30
Dwarf Double Mixed.....	.10	.20
Caucasica. Perennial; lilac .....	.30	1.50
" Alba. White .....	.40	2.00
Japonica. Perennial; lavender blue.....	.20	.60

Sanvitalia

Procumbens Fl. Pl. Dwarf annuals for edgings, vases or baskets; double yellow flowers.....	.15	.50
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Schizanthus (Butterfly Flower)

Grandiflorus Maximus. Extra large; various colors. Pkt., 20c.		
Hybridus Grandiflorus. Dwarf, mixed.....	.15	.60
Pink Beauty (New). A beautiful shade of rose pink. Pkt., 35c.		
Wisetonensis. Various colors; fine for pots.....	.40	1.75
" Albus "Bridal Veil" (New). Large, snowy white flowers. Per pkt., 20c.		
Mixed. All colors10	.20

Sensitive Plant (Mimosa)

Pudica. Flowers pinkish white.....	.10	.25
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Shasta Daisy. See Chrysanthemum

Shamrock

True Irish25	.75
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Silene (Catchfly)

Free blooming annuals for borders.		
Pendula, Dwarf Rose10	.30
Pendula, Dwarf White .....	.10	.30
Armeria, Mixed .....	.10	.20

*Smilax***Smilax (Myrsiphyllum Asparagoides)**

A desirable greenhouse climber of great value for floral decorations. Trade pkt., 10c.; 30c. oz.; ¼ lb., \$1.00; 3.00 lb.

Snapdragon. See Antirrhinum

Solanum

	Trade Pkt.	Oz.
Capsicastrum (Jerusalem Cherry). Scarlet berries.....	\$0.10	\$0.25
Fra Diavolo. Of dwarf, compact growth; leaves and fruit smaller than above.....	.15	.50

Statice (Everlasting Flower)

Latifolia. Perennial variety; large, deep blue flowers .....	.25	1.25
Suworowi. Annual variety; flowers pink.....	.15	.50

Stevia

Serrata. Fragrant white flowers.....	.20	.75
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Stipa. See Grasses page 19

Stocks. See next page

Stokesia (Cornflower Aster)

Cyanea. A hardy perennial; each plant bearing 20 to 30 lavender-blue flowers.....	.20	.85
Cyanea Alba. Pure white.....	.25	1.00

Sunflower (Helianthus)**Annual Varieties**

Cucumerifolius. Single yellow .....	.10	.15
New Red. Extra large flowers; some of which are rich chestnut red, others tipped with yellow....	.30	1.25
Cut-and-Come-Again. Single yellow .....	.10	.25
Double Globe (Globosus Fistulosus). Rich yellow.	.10	.15
Dwarf Double. Deep yellow.....	.10	.15
Chrysanthemum Flowered. Immense double yellow flowers .....	.10	.15
Oscar Wilde. Yellow, with black centre.....	.10	.20
Perkeo. Dwarf yellow, black centre.....	.10	.25
Starlight. Cactus flowered; yellow. Pkt., 15c.		
Stella. Single yellow, black centre.....	.10	.25
Russian. Large yellow, single.....		.05

Sunflower—Perennial Varieties

Golden Bouquet. Perennial; yellow.....	.20	1.00
Choice Mixed. Single flowering.....	.30	1.25

MICHELL'S "DISTINCTIVE" STOCKS

31

Stocks are invaluable and are one of the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "distinctive" strains which are easily distinguished by their superior quality, strong germination, and a remarkably small percentage of single flowers. For Decoration Day, sow January 1st to February 20th.

MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches equally perfect. The type is of *Cut-and-Come-Again*, but much superior to what is usually known by that name.

	½ Trade Pkt.	Trade Pkt.	Oz.		½ Trade Pkt.	Trade Pkt.	Oz.
Pure White.....	\$0.30	\$0.50	\$3.25	Dark Blue.....	\$0.30	\$0.50	\$3.25
Flesh Pink.....	.30	.50	3.25	Blood Red.....	.30	.50	3.25
Rose Pink.....	.30	.50	3.25	Mixed Colors.....	.30	.50	2.75
Light Blue.....	.30	.50	3.25				

MICHELL'S "DISTINCTIVE" COLUMN STOCK

Produces plants composed of one gigantic spike dressed with immense perfect double flowers.

	½ Trade Pkt.	Trade Pkt.		½ Trade Pkt.	Trade Pkt.
Blood Red ..	\$0.30	\$0.50	White	\$0.30	\$0.50

MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock literally covered with blooms which appear *earlier than in any other strain*. The colors are very distinct, so much so that they are not reproduced in any other strain. The seed we offer comes *direct from the originator*.

Beauty of Nice. Charming delicate pink, the most popular of all. ½ trade pkt. 30c. 50c. per trade pkt., oz. \$2.00.

Queen Alexandra. Delicate lavender. ½ trade pkt. 30c., 50c. per trade pkt., oz. \$2.00.

Crimson King. Deep red. ½ trade pkt. 30c., 50c. per trade pkt., oz. \$2.50.

Victoria. Pure white. ½ trade pkt. 30c., 50c. per trade pkt., oz. \$2.00.

Mme. Rivoire. Large double, pure white flowers. ½ trade pkt. 30c., 50c. per trade pkt., oz. \$2.50.

Abundance. Dwarf, spreading habit; color carmine-rose. ½ trade pkt. 30c., 50c. per trade pkt., oz. \$2.50.

La Brillante. Double, large flowers; rich brilliant crimson. ½ trade pkt. 30c., 50c. per trade pkt., oz. \$2.50.

Midsummer Night. Deep, dark violet; large and double. ½ trade pkt. 30c., 50c. per trade pkt., oz. \$2.50.

LARGE FLOWERING DWARF TEN WEEK STOCKS

For bedding there is nothing more effective; dwarf, compact plants with fine spikes of double flowers.

	½ Trade Pkt.	Trade Pkt.	Oz.
Blood Red..	\$0.25	\$0.40	\$2.50
Light Blue.	.25	.40	2.50
Pink .....	.25	.40	2.50
Purple Violet....	.25	.40	2.50
White .....	.25	.40	2.50
Yellow .....	.25	.40	2.50
Mixed .....	.25	.40	2.25



Michell's Flower Market Stock

STOCKS—Various Sorts

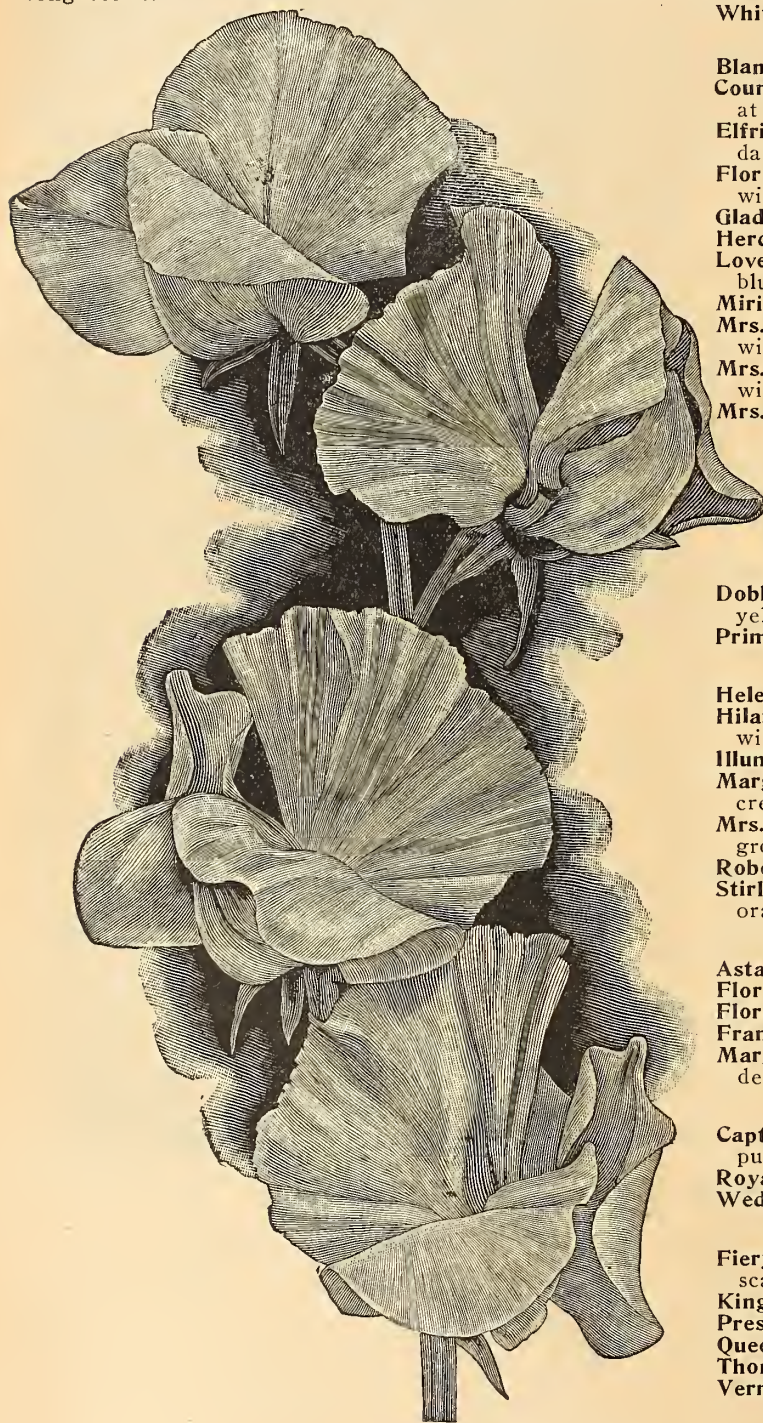
	½ Trade Pkt.	Trade Pkt.	Oz.
Wallflower Leaved. Choice mixed....	\$0.25	\$0.40	\$2.50
Brompton, or Winter. Mixed.....	.30	.50	3.00
Princess Alice (<i>Cut-and-Come-Again</i>). Of branching habit; pure white; excellent for cutting .....	.30	.50	3.00
New Pyramidal Stock, "Bismarck." A splendid sort for cutting; immense pure white flowers along a colossal spike, often 30 inches in length, with many side shoots .....	.30	.50	3.50
New Winter Stock, "White Lady." The plants throw up a massive central spike, which branches freely; flowers large, double and of lustrous snowy white .....	.30	.50	
Virginian. Mixed .....		.10	.20



Michell's "Nice" Stock

Michell's Spencer or Orchid Sweet Peas

These are distinguished from the grandiflora sorts by the enormous flowers, which are crinkled and wavy, and from the fact that they usually bear four flowers on a stem. The plants are of robust growth and produce their flowers on long stems.



New Spencer Sweet Peas

Superb "Spencer" Mixture

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades; we are sure this mixture will give absolute satisfaction.

Per oz., 15c.; 40c. per $\frac{1}{4}$ lb.; per lb., \$1.15.

White

	Oz.	$\frac{1}{4}$ lb.	Lb.
Constance Hinton. Large white; black seeded	\$0.50	\$1.75	\$6.00
King White. Gigantic pure white flowers..	.30	1.00	3.00
Nora Unwin. Large, pure white.....	.10	.30	1.00
White Spencer. Pure white.....	.15	.50	1.50

Light Pink

Blanche Ferry Spencer. Pink and white..	.15	.50	1.50
Countess Spencer. Clear pink, shading deeper at the edge.....	.15	.50	1.50
Elfrida Pearson. Light pink, margined with darker pink .....	.20	.60	2.00
Florence Morse Spencer. Delicate blush with pink margin .....	.15	.50	1.50
Gladys Unwin. Delicate pink .....	.10	.30	1.00
Hercules. Giant pure pink.....	.25	.75	2.50
Lovely Spencer. Deep pink, shading to blush .....	.15	.50	1.75
Miriam Beaver. Light apricot and buff....	.30	1.00	3.00
Mrs. Cuthbertson. Standard rose pink, wings blush white.....	.20	.60	2.00
Mrs. C. W. Breadmore. Buff ground, edged with pink .....	.20	.60	2.00
Mrs. Routzhan Spencer. Buff pink.....	.15	.50	1.50

Deep Pink or Rose

Apple Blossom Spencer. Rose and pink ..	.15	.40	1.25
Edith Taylor. Bright salmon rose....	.30	1.00	3.00
Geo. Herbert. Rose carmine .....	.15	.50	1.50
Rosabelle. Giant rose .....	.25	.75	2.50

Primrose or Light Yellow

Dobbies Cream. Deep cream, or primrose yellow .....	.20	.60	2.00
Primrose Spencer. Light yellow.....	.15	.50	1.75

Orange and Salmon

Helen Lewis. Orange pink.....	.15	.50	1.50
Hilary Christie. Standard salmon orange; wings rosy salmon.....	1.25	4.00	
Illuminator. Rich salmon pink.....	.30	1.00	3.50
Margaret Atlee. Light salmon pink on cream ground .....	.25	.75	2.50
Mrs. Hugh Dickson. Salmon pink on cream ground .....	.15	.50	1.50
Robert Sydenham. Orange .....	.50	1.50	5.00
Stirling Stent. Deep salmon, suffused with orange .....	.25	.75	2.50

Lavender

Asta Ohn Spencer. Rich lavender.....	.15	.50	1.50
Flora Norton Spencer. Light lavender....	.15	.50	1.75
Florence Nightingale. Large; lavender....	.20	.60	2.00
Frank Dolby. Light lavender .....	.15	.40	1.25
Margaret Madison Improved. Light lavender or azure blue.....	.25	.75	2.50

Blue and Purple

Captain of the Blues Spencer. Standard purple, wings blue .....	.20	.60	2.00
Royal Purple. Rich purple.....	.50	1.50	5.00
Wedgewood. A lovely self blue.....	.30	1.00	3.50

Scarlet

Fiery Cross. Large flowers; intense orange scarlet. Per pkt., 20c.			
King Edward Spencer. Crimson scarlet...	.15	.50	1.50
President. Glowing scarlet self. Pkt., 20c.			
Queen Alexandra. Bright scarlet.....	.15	.50	1.75
Thomas Stevenson. Orange scarlet.....	.20	.60	2.00
Vermilion Brilliant. Intense scarlet.....	.30	1.00	3.50

Maroon

King Manoel. Rich maroon.....	.30	1.00	3.50
Marks Tey. Purplish maroon.....	.30	1.00	3.00
Nubian. Maroon or deep chocolate self...	.20	.60	2.00
Othello Spencer. Deep maroon.....	.15	.50	1.75

Striped and Flaked

America Spencer. Red flakes on white ground .....	.15	.50	1.75
Ethel Roosevelt. Large; soft primrose, flaked with crimson.....	.20	.60	2.00

Michell's Grandiflora Sweet Peas

33

Separate Colors

The varieties we offer below have been selected from a large list and embrace only the very best large flowering sorts.

White

	Oz.	¼lb.	Lb.
Blanche Burpee. Large; pure white.....	\$0.07	\$0.20	\$0.50
Dorothy Eckford. Extra large; white.....	.07	.20	.50
Emily Henderson. Pure white.....	.07	.20	.50

Primrose and Yellow

Hon. Mrs. E. Kenyon. Primrose yellow....	.07	.20	.60
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Rose and Pink

Blanche Ferry. Pink and white.....	.07	.20	.50
Katharine Tracy. Brilliant pink.....	.07	.20	.50
Lovely. Soft shell pink.....	.07	.20	.60
Prima Donna. Lovely soft pink.....	.07	.20	.50
Prince of Wales. Rose crimson.....	.07	.20	.60

Orange

Miss Willmott. Deep orange pink.....	.07	.20	.60
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Crimson and Scarlet

King Edward VII. Crimson scarlet.....	.07	.20	.60
Queen Alexandra. Large scarlet.....	.07	.20	.60

Lavender

Countess of Radnor. Pale lavender.....	.07	.20	.50
Flora Norton. Delicate lavender.....	.07	.20	.60
Lady Grisel Hamilton. Pale lavender....	.07	.20	.60

Blue and Purple

Duke of Westminster. Standard clear purple, wings violet .....	.07	.20	.60
Lord Nelson. Rich navy blue.....	.07	.20	.60
Navy Blue. Deep violet blue.....	.07	.20	.50

Maroon

Othello. Very dark maroon.....	.07	.20	.60
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Striped and Mottled

America. Blood red, striped on white.....	.07	.20	.60
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Sweet Peas in Mixture

Michell's Magnificent. Great care has been taken in making up this mixture, selecting the large flowering, long stemmed varieties, a large percentage of which are of the lighter colors and shades.....

	Oz.	¼lb.	Lb.
Michell's Magnificent.....	\$0.10	\$0.25	\$0.75

Michell's Gilt Edge. Eckford's large flowering; represents almost every color and shade in sweet peas.....

Michell's Gilt Edge.....	.07	.15	.45
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Cupid or Dwarf Varieties. Mixed colors... ..

Cupid or Dwarf Varieties.....	.10	.30	1.00
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Michell's Christmas or Winter Flowering Sweet Peas

Michell's Snowdrift. Pure white; black seeded; extra early; large flowers.....

	Oz.	¼lb.	Lb.
Michell's Snowdrift.....	\$0.20	\$0.75	\$2.00

Blanche Ferry (Extra Early). Pink and white

Blanche Ferry.....	.10	.25	.85
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Christmas Pink. Pink and white.....

Christmas Pink.....	.15	.40	1.25
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" White

" White.....	.15	.40	1.25
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" Meteor. Scarlet

" Meteor.....	.15	.40	1.25
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Earliest of All. Pink and white.....

Earliest of All.....	.10	.25	.85
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Le Marquis. Large dark blue.....

Le Marquis.....	.15	.40	1.25
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Mont Blanc. Early; pure white.....

Mont Blanc.....	.10	.25	.85
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Mrs. Alex. Wallace. Lavender.....

Mrs. Alex. Wallace.....	.15	.40	1.25
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Mrs. Chas. H. Totty. Lavender.....

Mrs. Chas. H. Totty.....	.15	.40	1.25
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Mrs. F. J. Delansky. Daybreak pink.....

Mrs. F. J. Delansky.....	.15	.40	1.25
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Mrs. Geo. Lewis. Pure white.....

Mrs. Geo. Lewis.....	.15	.40	1.25
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Mrs. William Sim. Salmon pink.....

Mrs. William Sim.....	.15	.40	1.25
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Mrs. W. W. Smalley. Satin pink.....

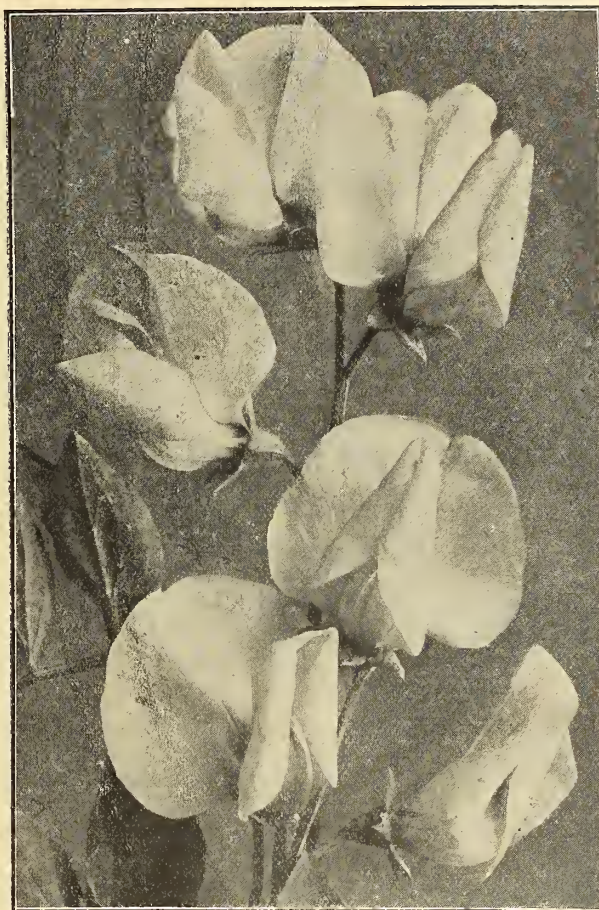
Mrs. W. W. Smalley.....	.15	.40	1.25
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Watchung. Pure white.....

Watchung.....	.15	.40	1.25
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Mixed. Winter flowering.....

Mixed.....	.15	.40	1.25
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Sweet Pea, Dorothy Eckford

New Early Flowering Long Season Spencer Sweet Peas

One of the chief characteristics of these varieties is their long-season period of blooming, frequently remaining in bloom for four months. The flowers are of large size, of the best Spencer form; borne in threes and fours on long stems.

Early Morning Star. Deep orange scarlet or flame color in standard, with rich, orange pink wings

Early Morning Star.....	\$0.20	\$1.50	\$5.00
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Early Song Bird. Pale pink on white ground

Early Song Bird.....	.20	1.25	4.00
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Early Melody. Rose pink on white ground

Early Melody.....	.20	1.25	4.00
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Early Snow Flake. Pure white.....

Early Snow Flake.....	.20	1.50	5.00
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Early Heather Bell. A beautiful mauve lavender

Early Heather Bell.....	.25	1.75	6.00
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Winter Flowering Spencer or Orchid Sweet Peas

Rose Queen. One of the finest varieties yet introduced. Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color, a most attractive shade of pink.

	Oz.	¼lb.	Lb.
Rose Queen.....	\$5.00	\$15.00	\$50.00

Greenhouse grown seed.

Yarrowa. Flowers exquisitely waved, and of large size. Color, a pleasing shade of bright rose pink with lighter wings.....

Yarrowa.....	1.00	3.50	12.00
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Mrs. A. A. Skaach. Clear, light pink.....

Mrs. A. A. Skaach.....	1.00	3.50	12.00
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Mrs. M. Spanolin. Pure white; black seeded

Mrs. M. Spanolin.....	1.25	4.00	14.00
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Pink and White Orchid.

Pink and White Orchid.....	1.00	3.50	12.00
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White Orchid

White Orchid.....	1.00	3.50	12.00
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Lavender Pink Orchid.

Lavender Pink Orchid.....	1.00	3.50	12.00
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Lavender Nora

Lavender Nora.....	.50	1.75	6.00
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Red Orchid

Red Orchid.....	1.00	3.50	12.00
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Venus. White, blushed pink.....

Venus.....	1.50	5.00	15.00
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Mixed Winter Flowering Spencer.

Mixed Winter Flowering Spencer.....	.60	2.00	7.00
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Sweet Rocket (*Hesperis*) Trade Pkt. Oz.

Mixed. Perennial; purple and white.....\$0.10 \$0.25

Sweet Sultan (*Centaurea Moschatus*)

Mixed. Fragrant10 .25

*Single Sweet William***Sweet William** (*Dianthus Barbatius*)

	Trade Pkt.	Oz.
Single Crimson	\$0.10	\$0.35
" Velvety Maroon .....	.10	.35
" White .....	.10	.35
Single Mixed. All colors.....	1/4 lb., 75c.	.10 .25
Pink Beauty. Large flowers; salmon pink.....	.30	1.00
Scarlet Beauty. Intense, rich deep scarlet.....	.30	1.50
Auricula Flowered. Single mixed.....	.15	.50
Double Mixed. All colors.....	.15	.60

Tagetes

Golden Ring. Single, brown and yellow..... .15 .60

Thunbergia (*Black-Eyed Susan*)

Mixed15 .60

Torenia

Fournieri Grandiflora. Blue40 2.50

*Vinca***Vinca**

An excellent bedding plant; seed should be sown early.

	Trade Pkt.	Oz.
Alba. White, with rose centre.....	\$0.15	\$0.60
Alba Pura. Pure white.....	.15	.60
Rosea. Pink .....	.15	.60
Mixed .....	.15	.50

Tritoma (*Red Hot Poker Plant*)Uvaria Grandiflora. Orange scarlet..... Trade Pkt. Oz.
\$0.25 \$1.00**Valeriana** (*Garden Heliotrope*)Mixed. Hardy perennial border plant with large
fragrant flowers10 .30*Michell's Mammoth Fancy Verbena***Michell's Verbenas**

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

	Trade Pkt.	Oz.
Michell's Mammoth Fancy Blue	\$0.30	\$1.25
" " " Pink .....	.30	1.25
" " " Scarlet .....	.30	1.25
" " " Striped .....	.30	1.25
" " " White .....	.30	1.25
" " " Mixed .....	.30	1.00

New Giant Flowered Mixed. A new variety of large size with extra large, white eyes..... .40 2.50

Helen Willmott (*New*). Large flowers of a bright salmon rose, with white eye..... .50

Mammoth Choice Mixed25 .75

Fine Mixed20 .60

Lemon Scented (*Aloysia Citriodora*)..... .30 1.60**Veronica** (*Speedwell*)

A showy, hardy perennial border plant of easy culture; fine for bouquets.

Spicata. Blue	\$0.25	\$1.50
Virginica. White .....	.25	1.50

Viola Cornuta (Tufted Pansies)



Viola Cornuta

These resemble Pansies in shape and form, with the additional quality of having long stems and blooming for a longer time.

- Admiration.** Dark blue. Trade pkt., 25c.; \$1.50 per oz.
- Mauve Queen.** Lovely mauve color. Trade pkt., 25c.; \$1.50 per oz.
- Perfection.** Light blue. Trade pkt., 25c.; \$1.50 per oz.
- White Perfection.** Pure white. Trade pkt., 25c.; \$1.50 per oz.
- Mixed.** All colors. Trade pkt., 25c.; \$1.25 per oz.

Viola (Scotch Bedding Pansies)

Very free flowering; produce larger flowers than the Cornuta varieties.

	Trade Pkt.	Oz.
Golden Gem. Yellow	\$0.40	\$2.00
Lutea Splendens. Yellow .....	.25	1.25
Snowflake. Pure white .....	.40	2.00
Mixed. From best-named Scotch varieties.....	.50	

Violet (Viola Odorata)

Single Blue Czar .....	.30	1.50
Single White Czar .....	.30	1.50
Single Mixed .....	.30	1.25



Single Wallflower

Wall Flower

	Trade Pkt.	Oz.
Double Brown	(1/4 oz., \$1.00)	\$0.40
Double Yellow	(1/4 oz., \$1.00)	.40
Double Mixed .....	.30	\$2.00
Single Mixed .....	.10	.15
Paris Extra Early. Single flowering; blooms the first year from seed.		
Blood Red .....	.15	.60
Yellow .....	.15	.60
Mixed. All colors .....	.10	.35

Xeranthemum (Everlasting Flower)

Double Mixed. Annual, for winter bouquets.....	.10	.35
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MICHELL

New Giant Robusta Zinnias

Michell's "Distinctive" Zinnias

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest.

	Trade Pkt.	Oz.
Tall Double		
Crimson	\$0.10	\$0.35
" " Pink .....	.10	.35
" " Scarlet .....	.10	.35
" " White .....	.10	.35
" " Yellow .....	.10	.35
" " Mixed .....	.10	.25
Dwarf Double		
Crimson .....	.10	.40
" " Pink .....	.10	.40
" " Salmon Rose .....	.10	.40
" " White .....	.10	.40
" " Scarlet .....	.10	.40
" " Yellow .....	.10	.40
" " Mixed .....	.10	.30

Robusta or Giant Zinnias

Flowers of immense size and perfectly double.

Scarlet .....	.30	1.00
White .....	.30	1.00
Golden Yellow .....	.30	1.00
Crimson .....	.30	1.00
Flesh Color .....	.30	1.00
Purple .....	.30	1.00
Sulphur Yellow .....	.30	1.00
Violet .....	.30	1.00
Choicest Mixed .....	.20	.75

Various Zinnias

Red Riding Hood. Miniature flowers, perfectly double; color, bright scarlet.....	.15	.60
Curled and Crested. Double mixed.....	.15	.40
Zebra, or Striped. Double .....	.15	.50

Mixed or Wild Flower Garden Seeds

A mixture containing nearly 100 varieties of easy growing and interesting flowers.....	(1b., \$1.00)	\$0.10
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Michell's Vegetable Novelties and Specialties

We realize, of course, that the varieties offered on this and the two pages following, are not all strictly new. At the same time they are worthy of special attention. Don't fail to include some or all of these in your order.

TWO NEW BEANS

These are sent to us from France by a reliable grower; from trials we made in our own grounds, the past season, we regard them as good ones. Our suggestion is that you try them out to determine if they suit your market, so that another season you may know whether or not to continue them.

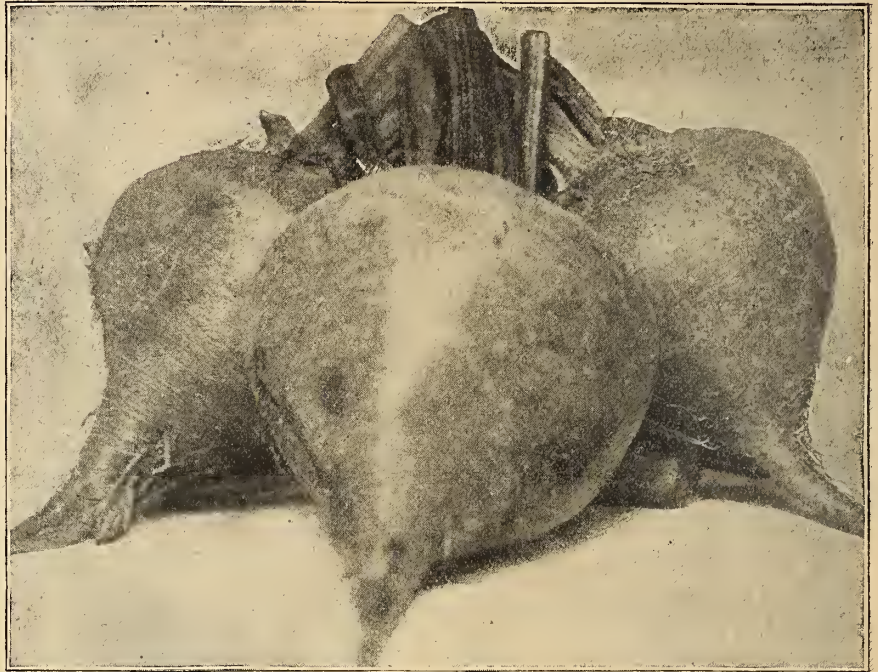
Glory of St. Andrew (Green Round Pod). 65c. per qt.; 35c. per pt.

Mont d'Or (Wax Semi-round Pod). 65c. per qt.; 35c. per pt.

BEET

Michell's Ideal. This variety is the result of 11 years of hard and careful work by an expert vegetable grower in Bucks County. It is a cross between Detroit and Eclipse, combining the excellent qualities of both, but is much better than either. It is perfect, firm, of turnip shape; for tenderness, rich color and uniformity it is remarkable. It is named Ideal, because, after the great length of time spent to bring it to its present state, the originator felt that he reached the ideal he was seeking in the beet line. It is primarily intended for garden culture as an early summer variety, but adapts itself also as an autumn and winter beet. 20c. per oz.; per $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

Michell's "Winter Keeper." This grand new beet is almost globe shaped, tapering slightly toward the root. The handsome dark blood red flesh is tender, regardless of size. The hard, stringy, wooden-like substance, so common in many varieties, is entirely absent in this one. It is a late summer cropper, or for use during winter and spring, until new beets are on the market again. The top growth is green, the color remaining in the root. Any market gardener who wants his customers' return for their future supply of beets will do well to have this one. The cooking qualities and delicious taste may be called unsurpassed. 20c. per oz.; per $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.



New Beet "Michell's Ideal"

CABBAGE

Michell's Early Jersey Wakefield Improved Strain

This Cabbage holds its undisputed lead as the best extra-early point headed Cabbage, and is more largely grown than all other early Cabbages combined.

Our improved strain may be depended upon for uniformity in earliness and crop. The seed we offer has been produced with the greatest care in growing and selecting, and we are confident that our strain is superior in every respect. On account of the small outside leaves this variety can be planted much closer than any other sort, thereby effectually economizing space. 25c. per oz.; per $\frac{1}{4}$ lb., 85c.; \$3.00 per lb. (For other Cabbages, see page 41.)

THREE SPLENDID CELERIES

Michell's White Plume (Private Strain) French Grown

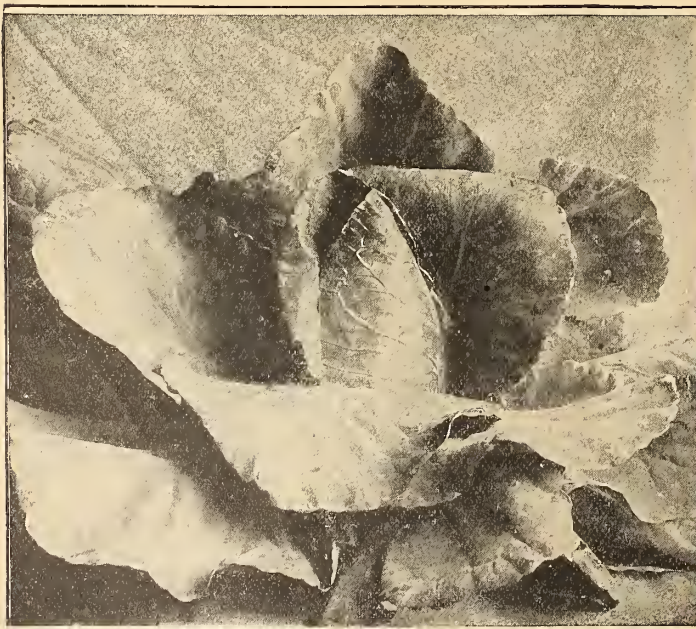
Although one of the oldest of the self-blanching sorts, it is still the leader and recognized as the *best* of the *white* varieties. The fine flavor and general excellence of quality make this a most suitable variety for the market gardener. Our strain is of vigorous growth, uniformly white, and produces stalks that are large, crisp and tender, and has given the greatest satisfaction to the most critical grower. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Celery Winter Queen

This variety can be termed the standard sort for winter keeping. It is hardy, vigorous and of finest quality. Besides having the long keeping qualities of the winter celery, it blanches very easily, like the Golden Self-Blanching. The stalks are rounder than those of Golden Self-Blanching and the heart very large, creamy white, brittle and delicious. 20c. per oz.; $\frac{1}{4}$ lb., 50c.; \$2.00 lb.

Easy Bleacher (Green) (New)

This splendid celery came upon the market a few years ago and instantly won fame as a seller and price getter. It is a green variety with free blanching qualities as the name suggests and possesses all the crisp and nutty flavor of the best green winter varieties. It can be used as an early celery or as a late keeper. It is medium in height, very robust and stringless; a variety with little waste. $\frac{1}{2}$ oz., 15c.; 25c. oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.



Michell's Improved Strain Wakefield Cabbage

Michell's Vegetable Novelties and Specialties

37

ALL SEEDS OFFERED ON THIS PAGE ARE POST FREE

CHINESE CABBAGE (Pte-Sai)

The American gardener as well as housewife might hesitate in thinking that anything of Chinese origin would be suited to their taste. This might be regarded especially true in vegetables. Pte-Sai is of upright growth, about 15 inches high, sometimes more, sometimes less, soil conditions governing. It resembles in appearance and growth a head of Cos Romaine or Celery Lettuce, but possesses the attractive curly feature of Silesian Lettuce, and possesses a broad, wide rib. The heads are very firm, almost like Cabbage. The flavor is delightful, not at all like Cabbage, but rather on the order of Witloof Chicory or French endive. It may be served as lettuce, tasting better with salad dressing, or it makes excellent Cole Slaw when it is prepared exactly as one would prepare



Chinese Cabbage

Cole Slaw from Cabbage. It may also be cooked as one would Cabbage, the flavor somewhat resembling Cauliflower. It can be planted as a spring or autumn crop; for latter the seed should be sown in July. It may be forced readily in cold frames. This is a profitable crop for market gardeners, or those who have a house to house trade. 20c. per oz.; per 1/4 lb., 65c.; \$2.50 per lb.

Cauliflower, Michell's Snowstorm

Cauliflower is an important crop with the market gardener who grows it, and on that account we are extremely critical about the quality of the seed. Market gardeners who purchase their supply of this from us, especially the variety offered above, may be very sure of good results.

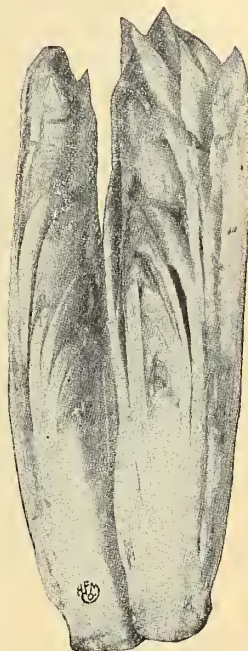
Michell's Snowstorm produces colossal heads of the purest white, averaging often 10 inches in diameter, particularly desirable for its extreme earliness, though it may be used to equal advantage either under glass or outdoors. This cauliflower seed we sell to the most critical market gardeners who would refuse to use any other. (Large pkt., 15c.) Trade pkt., 40c.; \$1.25 per 1/4 oz.; oz., \$4.00; \$14.00 per 1/4 lb.

NEW HEAD LETTUCE "DAVEY'S IMPROVED STRAIN OF BIG BOSTON"

This seed is produced for us in a suburb of Paris, France, by one of the leading market gardeners there, who created a heavy demand for this variety. The strain is superior in every way to the usual strain of the Big Boston variety. The heads are larger, almost twice the size, more solid and of better flavor. The outer leaves of the head are large and somewhat loosely set around a solid, buttery, well flavored heart or interior. We have sold this variety extensively to our market gardener customers and many of them have booked their order in advance for this season's supply, in event of a crop failure. It is ideal for hotbed culture in the early spring and autumn, while for summer growing it is one of the best. 25c. per oz.; per 1/4 lb., 90c.; \$3.00 per lb.

CHICORY OR WITLOOF

This delicious vegetable is becoming more popular each year. The roots are easily produced from seed, sown in May or June. They are taken up and wintered over, heeled in soil, or otherwise cared for in a frost-proof cellar, as one would care for Turnips, Carrots or similar crops. It is used only as a winter vegetable, the top part only being edible. While best results are obtained from planting the roots under a bench in the greenhouse, nevertheless a light, dry, warm portion of a cellar will serve the same purpose. In either case a bed of rich garden soil, about 12 inches deep, and in a size to accommodate whatever number of plants it is desired to force at one time. They should be placed about 6 inches apart each way. The top growth remains intact, as the illustration shows and may be cut any time after they have about 5 inches growth, before the heads begin to expand. Roots should be set in the ground the same depth as they were originally in the garden. A continuous supply of this delicious winter vegetable can be had from December 1st to April 1st. A cold frame makes also an ideal place for forcing them in the late winter or early spring months. Care should be taken, when grown indoors, to water occasionally, as conditions may demand.



Witloof Chicory

Strong roots, until stock is exhausted, usually April 1st. 60c. per doz.; per 100, \$4.00; \$30.00 per 100

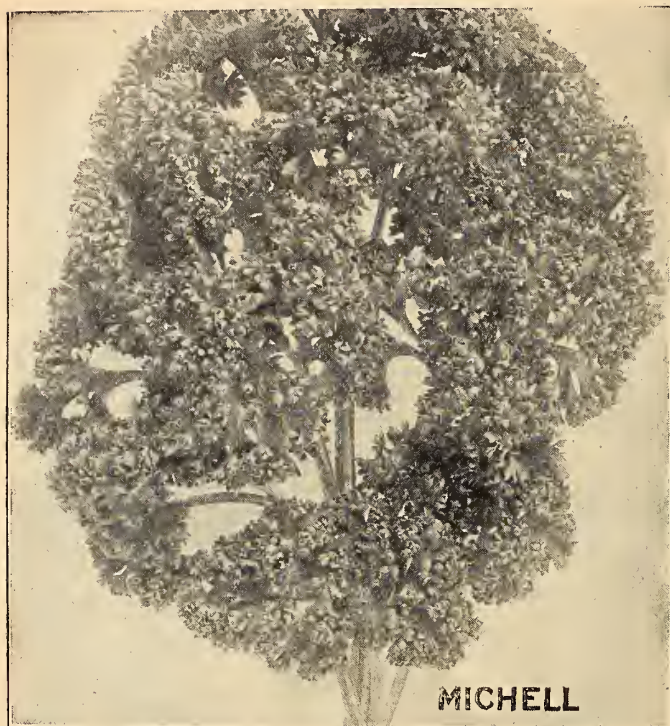
Seeds. 10c. per oz.; 1/4 lb., 35c.; \$1.25 per lb.



New Head Lettuce—"Davey's Improved Big Boston"

Michell's Vegetable Novelties and Specialties

SEEDS OFFERED ON THIS PAGE SENT POST FREE



Double Curled Covent Garden Parsley

PARSLEY

Michell's Double Curled or Covent Garden

This is the best variety for the market gardener, as it produces intensely curled leaves of good size, a rich green color, with long stems, which makes it easy to bunch. Our stock is extra double curled and one of the finest stocks to be had. We can strongly advise our customers to stake their Parsley crops on this sort. 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 75c. lb. (5 lbs., \$3.50.



MICHELL'S EXTRA EARLY "CRACKER JACK" TOMATO

For several seasons our customers have been getting splendid satisfaction from this variety. It is one of the earliest Tomatoes grown and a continuous bearer until frost, the latter being one of its chief characteristics, most early tomatoes having finished by the middle of September. The fruit is medium sized, brilliant red, very smooth and solid, with remarkably few seeds. Grows principally in clusters of from 5 to 10 tomatoes, which are invariably uniform in shape.



Honey Dew Muskmelon

MELON or CANTALOUPE "HONEY DEW"

The original seed of this came from Africa; was planted in Rockyford, Colorado, and crossed with the famous Rockyford Melon. It was offered extensively in the Philadelphia markets as late as November during the past year and brought big prices. It might easily be termed a family melon because one is large enough for a number of people. It is large in size, being six inches in diameter and from seven to eight inches long. The skin is smooth with an occasional net, is creamy when white. The thick flesh is emerald green, melting and of a wonderfully delicious flavor sweet as honey. The ripe melons can be kept in a suitable place for several weeks before using. In fact, they can be placed in cool storage and kept until Christmas. 15c. $\frac{1}{2}$ oz.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; \$3.25 per lb.

RADISH

Cardinal Globe, Michell's Improved Strain

This is the most important variety for the market gardener, either for outdoors or under glass. The skin is rich scarlet, while the flesh is pure white, always tender, mild and sweet, very crisp and brittle. The seed of this strain is harvested from transplanted plants, which have been especially selected as to color and shape. 10c. oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 lb.

RUTA-BAGA

Michell's Private Stock Purple Top Yellow

An improved strain of the finest yellow-fleshed ruta-baga grown from roots, selected for large size, uniformity in shape and fine quality. Hardy, sweet, a good keeper and the best shaped and most productive. Top is purple, bottom yellow. It brings a high price in the market on account of its shape. 10c. oz.; $\frac{1}{4}$ lb., 20c.; 75c. lb.; 5 lbs., \$3.25.

MICHELL'S "DISTINCTIVE" VEGETABLE SEEDS

Grown Especially for Market Gardeners' Trade

The trucker and commercial grower is realizing more than ever that he must be extremely careful in the selection of seeds, not only for the purpose of procuring carefully grown strains, but also that the variety he chooses is that which is the most salable in his market. Both of these features have been given our utmost attention in the make-up of our list, and market gardeners can absolutely rely upon "Michell's Seeds." Varieties especially suited to the market gardener and trucker are marked with an asterisk (*).

ASPARAGUS

***Barr's Mammoth.** A favorite in the markets of Philadelphia; big, tender, green stalks. Oz., 5c.; 15c. ¼ lb.; 1 lb., 40c.; \$1.75 per 5 lbs.

Conover's Colossal, Giant Green Variety. Oz. ¼ lb. 1 lb.
(5 lbs., \$1.50).....\$0.05 \$0.15 \$0.35
Giant d'Argenteuil, French White Sort...... .10 .20 .65
Palmetto or Eclipse (5 lbs., \$1.75)..... .05 .15 .40

ASPARAGUS ROOTS

	2 year old Roots	3 year old Roots	
	100	1000	100 1000
Barr's Mammoth	\$0.60	\$4.75	\$1.25 \$9.00
Conover's Colossal .....	.60	4.75	1.25 9.00
Giant d'Argenteuil .....	.60	4.75	1.25 9.00
Palmetto or Eclipse .....	.60	4.75	1.25 9.00

ANISE. Used for flavoring.....Oz. ¼ lb. 1 lb.
\$0.07 \$0.25 \$0.90

ARTICHOKE. Large Green Globe Seed .40 1.35 5.00
Green Globe Plants. \$1.00 doz.; 100, \$7.00.
Jerusalem Roots. 10c. qt.; peck, 65c.; \$2.50 per bushel.

BALM. Pkt., 7c.; 25c. oz.

BORAGE. For flavoring and food for bees..Oz. ¼ lb.
\$0.08 \$0.30

BROCCOLI. White CapeOz. ¼ lb. 1 lb.
\$0.25 \$0.75 \$2.75

BRUSSELS SPROUTS. Matchless .. .15 .50 1.75
PlantsReady in July.
40c. per 100; per 1000, \$3.00.

TABLE BEETS

Michell's Ideal (New). See page 36.

***Michell's Improved Crimson Globe.** The leading sort for the market garden, our strain is renowned and used exclusively by many growers, splendid for early sowing and general crop. 10c. per oz.; ¼ lb., 30c.; \$1.10 per lb.; 5 lbs., \$5.00.

Michell's Winter Keeper (New). See page 36.

***Crosby's Egyptian.** Very early, roundish flat, very tender; for sowing under glass it is an ideal sort. 10c. oz.; ¼ lb., 30c.; \$1.10 per lb.; 5 lbs., \$5.00.

***Lentz Extra Early Turnip.** For early spring and late summer sowing; the flesh is finely grained and very sweet. 8c. oz.; ¼ lb., 20c.; 70c. lb.; \$3.25 for 5 lbs.

***Bastian's Half Long.** This is a true blood variety, sown for a winter crop exclusively. It makes handsome roots. 8c. oz.; ¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.50.

Arlington Favorite. Rich blood red, turnip-shaped. Oz., 8c.; 30c. ¼ lb.; 1 lb., \$1.00; \$4.25 per 5 lbs.

Bassano. This is the principal butter beet; white and rose colored; flat shaped. Oz., 8c.; 25c. ¼ lb.; 1 lb., 75c.; \$3.50 per 5 lbs.

Bastian's Early Turnip. Very similar to Lentz, but a somewhat larger root. 8c. oz.; ¼ lb., 25c.; 80c. lb.; 5 lbs., \$3.50.

Detroit. Rich deep red, a splendid winter beet, turnip-shaped. 10c. oz.; ¼ lb., 30c.; \$1.00 lb.; 5 lbs., \$4.25.

Eclipse. Very small; round, splendid for forcing. Oz., 8c.; 20c. ¼ lb.; 1 lb., 70c.; \$3.25 per 5 lbs.

TABLE BEETS—Continued

Edmands. Blood red, turnip-shaped, fine for summer. 8c. oz.; ¼ lb., 25c.; 75c. lb.; 5 lbs., \$3.50.

Beet Swiss Chard. See page 53.

CATTLE BEETS OR MANGEL WURZEL

	¼ lb.	1 lb.	5 lbs.
Golden Tankard	\$0.12	\$0.40	\$1.90
Imperial White Sugar	If wanted .12	.40	1.90
Lane's Improved White Sugar	by mail, al- .12	.40	1.90
Mammoth Long Red	low for .12	.40	1.90
Red Globe	postage. .12	.40	1.90
Yellow Globe .....	.12	.40	1.90



Crimson Globe Beet

SPECIAL NOTICE.

All Vegetable Seeds, NOT listed in our Wholesale Catalogue, which may be found in the Retail List, are subject to the following discounts from Retail Prices, viz: Packets, 33½ per cent.; ounces, pints and quarts, 25 per cent.; novelties, 20 per cent

NOTE. All seeds offered on this page, in 1 lb. lots or less (except Mangel Wurzel), are mailed postpaid.

(hi)

BEANS (Crop Very Short, Order Early)

Varieties Marked * Especially Suited to Market Gardeners' Needs

Information about Dwarf Wax and Green-Podded Beans and Pole Beans (not Limas).

Again must the American Seed Trade report what is probably the most discouraging crop failure of dwarf green and wax podded beans and pole string beans. In many instances beangrowers on contract did not get back as much as one-half of the seed they actually planted. There will not be sufficient dwarf green and wax podded and pole beans again this season to supply the demand. We have a normal stock, and hope to be able to take care of our customer's wants in this line. However, owing to the great scarcity, we recommend that orders for beans be placed early. On account of the fictitious values that some have placed on the stock, we have omitted from this catalogue prices on wax and green podded beans, and we will undertake to fill orders at lowest possible rates for good stock to give customers benefit of lowest prices.

DWARF GREEN VARIETIES

Plant 1 qt. to 100 ft. drill, 12 to 15 qts. per acre.

Glory of St. Andrew (*New*). See page 36.

***Full Measure**. An excellent market variety producing long pods.

Stringless Green Pod. Undoubtedly the most tender; absolutely stringless. Round podded.

***Black Valentine**. This is the big cropper for the market gardener, very early, round podded, also a most suitable variety for planting under glass.

***Mammoth Stringless Green Pod** (*Giant Valentine*). An improved Valentine combining the excellent qualities of it and the Stringless Green Pod.

***Red Valentine** (*Ex. Early*). For first and last planting this round podded variety is a tremendous yielder.

***Extra Early Refugee**. Extremely early fleshy round podded sort, good for early and last planting.

Best of All. Round podded, good cropper.

Boston Navy or Pea. For winter use.

Broad Windsor (Shelling).

Dwarf Horticultural (for shelling).

Early Long Yellow (6 weeks). Flat podded.

Early Mohawk (6 weeks). Flat podded.

Longfellow. A heavy yielder.

Sion House. For forcing and outdoor sowing.

Triumph of Frames. For forcing and outdoor sowing.

White Kidney or Royal Dwarf. For shelling.

White Marrowfat. For shelling.

DWARF WAX OR YELLOW POD

Plant same quantity, per given space, as recommended for Dwarf Green Beans.

***Improved Dwarf Golden Wax** (*Rust Proof*). The beautiful round podded, golden yellow beans are very prolific.

***Currie's Rust Proof Golden Wax**. A tremendous yielder of long, golden yellow, flat pods.

***Wardwell's Wax**. The favorite flat-podded market gardener's bean, very long and slender.

Black or German Wax. Round podded.

Stringless White Wax. Flat podded.

Round Pod Kidney Wax. A1 for market gardeners.

Valentine Wax. (Round Pod.)

Davis' White Wax.

Mont d'Or (*New*). See page 36.

POLE BEANS (Not Lima)

Early Golden Cluster Wax. Handsome long yellow, flat pods, ideal for pickling; a great producer; very tender.

Horticultural. Extensively used for shelling, also in the pod when green, highly colored red, very prolific and profitable for market.

Kentucky Wonder. A bean that should be included on the list of every market gardener. It has long, round, green pods, and is produced in unusual quantity, always tender.

Lazy Wife's. Green pod.

Scarlet Runner. Green pod.



Pole Lima Beans—"Shotwell's Improved"

LIMA BEANS (Pole Varieties)

One qt. will plant 100 hills; 12 to 15 qts. will plant an acre.

***Michell's Evergreen**. The earliest pole lima. It retains its beautiful green color even when in the dry state. Pods average 5 to 6 beans and are produced in clusters of 6 to 8 pods. 40c. qt.; 4 qts., \$1.50; peck, \$2.50; \$10.00 per bush.

***Carpenteria**. A variety similar to the above, but with a shorter pod, containing, as a rule, 3 to 4 beans of a green color, which is retained even when dried, very early. Qt., 30c.; \$1.00 per 4 qts.; peck, \$1.75; \$7.00 per bush.

***Dreer's Improved** (*Potato, or Challenger*). A round-seeded, thick-podded bean, very popular on account of its earliness. 25c. qt.; 4 qts., 90c.; \$1.75 per peck; bush., \$7.00.

***Giant Podded**. A most productive early variety. The beans are extra large and of superb flavor. 40c. qt.; 4 qts., \$1.50; \$2.50 per peck; bush., \$9.00.

***King of the Garden**. A medium-sized bean in large pods with 3 to 5 beans, very vigorous, being continuously in bloom and bearing. 25c. qt.; 4 qts., 90c.; \$1.75 per peck; bush., \$7.00.

***Michell's Selected Large Jersey Lima**. This is a very fine selection of the popular Jersey Lima, grown especially for our trade. 30c. qt.; 4 qts., \$1.00; \$1.75 per peck; bush., \$7.00.

***Shotwell's Improved**. This is a cross between Dreer's pole and Extra Early Jersey, combining earliness and sweetness. 25c. qt.; 4 qts., 90c.; \$1.75 per peck; bush., \$7.00.

LIMA BEANS (Bush Varieties)

***Fordhook**. A thick, luscious bean of wonderful producing qualities, very early and continuing to bear right up to frost time. The plant is upright in growth and bears its clusters far above the ground, so they can easily be gathered. 40c. qt.; 4 qts., \$1.50; \$2.50 per peck; bush., \$9.50.

Burpee's Improved. The large bean, very thick, sweet and produced in profusion; a favorite on account of its tenderness. 40c. qt.; 4 qts., \$1.50; peck, \$2.50; \$9.50 bush.

Burpee's Bush (*Old Variety*). The true large-seeded dwarf lima. 30c. qt.; 4 qts., \$1.00; \$1.75 per peck; bush., \$7.00.

Henderson's. The earliest bush lima, but producing very small flat seed, which though are of excellent flavor, being much in demand. 25c. qt.; 4 qts., 90c.; \$1.60 per peck; \$6.25 bush.

If beans are desired by mail allow postage at the rate of 2 lbs. for each quart

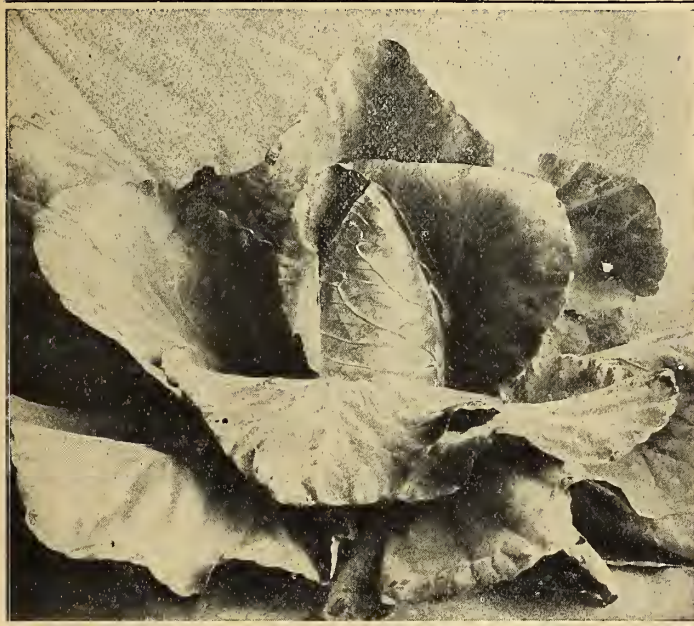
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Michell's Cabbage Seed (Choice Long Island Grown) 41

Varieties Marked * are Especially Suited for Market Gardeners

Chinese Cabbage "Pte Tsai"

This wonderfully peculiar variety is described and offered on page 37. Market gardeners will do well to try it out on their trade.



Michell's Early Jersey Wakefield Cabbage

EARLY VARIETIES

***Improved Early Jersey Wakefield.** The most popular first crop variety, having pointed heads with few outer leaves and which sells readily. Perhaps of no other variety are as many varying strains offered as of this one. We are positive that those who grow ours will be well pleased with the result.

Private Strain (extra selected). Oz., 25c.; 85c. ¼ lb.; lb., \$3.00.
Usual Strain. Oz., 20c.; 70c. ¼ lb.; lb., \$2.25.

***Large Charleston Wakefield.** Similar to the above but with heads almost twice as large and more blunt at the point; matures a week later than the above. 20c. oz.; ¼ lb., 70c.; \$2.50 lb.

Early Winnigstadt. A variety similar to Wakefield, but not quite as compact headed; it is very early, following the former variety in maturing. Oz., 15c.; 50c. ¼ lb.; lb., \$1.75.

All Head. The largest of the early cabbages, being roundish flat and very solid. Oz., 20c.; 60c. ¼ lb.; lb., \$2.25.

Early Flat Dutch. Very compact grower with a medium size, roundish flat head, which is always solid. Oz., 15c.; 50c. ¼ lb.; lb., \$1.75.

SECOND EARLY VARIETIES

Henderson's Early Summer. Enormous solid heads, roundish flat, one of the best midsummer varieties and is a ready seller. Oz., 20c.; 60c. ¼ lb.; lb., \$2.00.

Copenhagen Market. Round head, second early, fine grained, white interior. 20c. per oz.; ¼ lb., 75c.; \$2.75 per lb.

Enkhuizen Glory. A fine variety from Holland, coming in after the early sorts. 20c. oz.; ¼ lb., 60c.; \$2.25 per lb.

Early Drumhead. Very large flat head with few outer leaves, it follows Large Charleston Wakefield. Oz., 15c.; 50c. ¼ lb.; lb., \$1.75.

LATE OR WINTER VARIETIES

***Improved Late Flat Dutch.** A specialty with us in a strain that cannot be surpassed elsewhere; our grower selects the heads with infinite care and the testimonials we receive from our customers on this variety are the best proof of its quality. It makes enormous solid heads of the finest type, extremely uniform, ideal for sauer kraut and winter keeping. Oz., 15c.; 50c. ¼ lb.; lb., \$1.75.

Pennsylvania is known to produce some of the best cabbage grown in this country and when the seed which is used is produced from a selected strain, it is one of the most profitable crops the trucker can bring to the market. We have realized this important factor and we can truthfully say that no strain of cabbage seed is superior to Michell's.

LATE OR WINTER VARIETIES—Continued

***Michell's Improved Danish Ball Head.** One of the best winter cabbages grown to-day; in weight the individual heads exceed any other variety, and where cabbages are sold by weight this is the sort that will bring in the most money. Particularly desirable because it succeeds under most trying conditions. Round, solid, well-formed heads. Oz., 20c.; 60c. ¼ lb.; lb., \$2.00.

Large Late Drumhead. Very large, with roundish heads which are very solid, excellent winter keeper. Oz., 15c.; 50c. ¼ lb.; lb., \$1.75.

All Seasons (Vandergaw). Beautiful heads which are suitable for midsummer and winter use, very large, round and solid. Oz., 20c.; 60c. ¼ lb.; lb., \$2.00.

***Volga.** While growing it appears undesirable, but when prepared for market there are few other cabbages that excel it in weight and solidity; cut open, the interior is almost pure white; heads perfectly round, almost ball shaped. A special feature, which recommends it to the market gardener, is that it is almost worm-proof. Oz., 20c.; 60c. ¼ lb.; lb., \$2.00.

***Perfection Drumhead Savoy.** The great favorite of the German populace; finding a ready sale in most any market. This variety grows very large and has no waste to it; heads almost round with beautifully curled leaves. Oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

***Red Dutch Drumhead.** A specialty with all Europeans, and a limited quantity of this is a profitable crop. The head is of medium size, very solid and almost round; every bit of it can be used. 15c. oz.; ¼ lb., 50c.; \$1.80 lb.

CABBAGE PLANTS

	Per 100	Per 1000
Early Varieties from hotbeds, ready May 1st....	\$0.40	\$3.50
Early Varieties from cold frame, ready in April..	.65	5.50
Late Varieties ready in July.....	.35	3.00

Special price on larger quantities.



All Seasons Cabbage

Michell's Selected Carrot Seed

HARVESTED from pure stock and selected roots. 3 to 4 lbs. will sow an acre.

NOTE—Prices on all Vegetable Seeds in this catalog include postage, unless otherwise noted. SHOP BY MAIL.

***Chantenay Half Long.** Very similar to Rubicon but a trifle longer, much used for sowing under glass and in hotbeds; a splendid carrot for bunching, and used extensively in the New York market gardening district. Oz., 10c.; 35c. $\frac{1}{4}$ lb.; lb., \$1.25.

***Danver's Half Long.** The heaviest yielding carrot we know of, ideal for general crop and winter keeping, stump rooted, of fine orange color and medium long. Our strain is a reselection by a carrot specialist. Oz., 10c.; 35c. $\frac{1}{4}$ lb.; lb., \$1.25.

Early Half Long Scarlet. Grows from 5 to 6 inches long, of a rich scarlet orange color, point rooted; an intermediate sort between Scarlet Horn and Long Orange, can be sown under glass for early use. Oz., 10c.; 30c. $\frac{1}{4}$ lb.; lb., \$1.25.

Early Scarlet Horn. A very early outdoor variety, of fine color, stump rooted and desirable for bunching. Oz., 12c.; 40c. $\frac{1}{4}$ lb.; lb., \$1.25.

French Forcing or Early Short Horn. Very small round root, one of the earliest varieties to mature either outdoors or under glass. Oz., 12c.; 40c. $\frac{1}{4}$ lb.; lb., \$1.25.

Guerande or Oxheart. A short stump rooted sort, which can be readily grown on stiff hard soil, where other varieties would not succeed so well, grows about 3 inches long and is of rich orange color. Oz., 10c.; 35c. $\frac{1}{4}$ lb.; lb., \$1.00.

***Long Orange (Improved).** The longest table carrot, frequently 10 inches long, of deep orange color. Its yield is enormous and of uniform shape; for stock feeding it is extensively used. Oz., 10c.; 30c. $\frac{1}{4}$ lb.; lb., \$1.00.

Red Surrey. Very long, similar to Long Orange. Oz., 10c.; 30c. $\frac{1}{4}$ lb.; lb., \$1.00.

St. Valery. Half long pointed root, excellent sort. Oz., 10c.; 30c. $\frac{1}{4}$ lb.; lb., \$1.00.



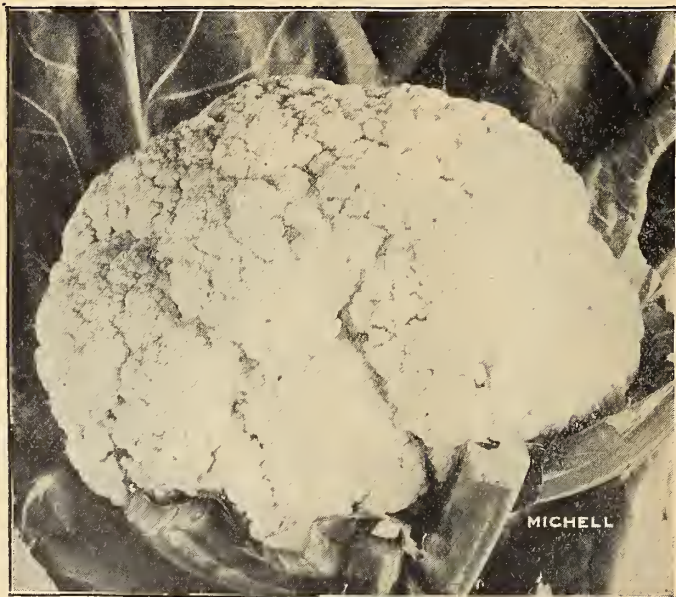
Michell's Strain Rubicon Carrot

***Rubicon Half Long.** The leading market gardeners' variety, one of the earliest and frequently used for forcing and sowing in hotbeds; in form it resembles the Danver's, but is considerably shorter in length, rich orange color, stump rooted. Oz., 10c.; 35c. $\frac{1}{4}$ lb.; lb., \$1.25.

White Belgian. Used for stock feeding only, very long white root, also good for soiling when turned under. Oz., 8c.; 20c. $\frac{1}{4}$ lb.; lb., 50c.

Michell's Pedigreed Cauliflower Seed

One ounce of seed will produce about 3,000 plants



Snowstorm Cauliflower

Algiers. Large heads; late; for outdoors. Pkt., 7c.; 15c. $\frac{1}{4}$ oz.; oz., 50c.; \$1.75 per $\frac{1}{4}$ lb.

***Danish Giant.** A variety which is especially recommended for midsummer use, because it will stand more drought and heat than any other sort. The heads are very large snowy white, and well protected by a liberal growth of foliage; a sure header and therefore just the sort for the market gardener. Large pkt., 15c.; 60c. $\frac{1}{4}$ oz.; oz., \$2.00; \$7.00 per $\frac{1}{4}$ lb.

Varieties marked * are best suited for market gardeners. Prices for all seeds on this page are postpaid.

***Early Snowball.** Perhaps one of the best known varieties and therefore used extensively; the heads are quite large and can be successfully grown even under adverse weather conditions. The head is very white. Large pkt., 15c.; trade pkt., 30c.; 50c. $\frac{1}{4}$ oz.; oz., \$1.75; \$6.00 per $\frac{1}{4}$ lb.

Half Early Paris. Small heads for frame or outdoor planting. Pkt., 7c.; 15c. $\frac{1}{4}$ oz.; oz., 50c.; \$1.25 per $\frac{1}{4}$ lb.

***Michell's Earliest Snowstorm.** Colossal heads of the purest white, averaging often 10 inches in diameter, particularly desirable for its extreme earliness, though it may be used to equal advantage either under glass or outdoors. This cauliflower seed we sell to the most critical market gardeners who would refuse to use any other. (Large pkt., 15c.) Trade pkt., 40c.; \$1.25 per $\frac{1}{4}$ oz.; oz., \$4.00; \$14.00 per $\frac{1}{4}$ lb.

***Selected Erfurt (Michell's Special Strain).** Selected for its earliness and is particularly suitable for growing under glass, though it does very well outdoors as an early spring crop. Of dwarf growth with short foliage; medium sized heads, but mature very quickly. Large pkt., 15c.; 30c. per trade pkt.; 50c. $\frac{1}{4}$ oz.; oz., \$1.75; \$6.00 per $\frac{1}{4}$ lb.

Veitch's Autumn Giant. Very large; late. Pkt., 7c.; 10c. $\frac{1}{4}$ oz.; oz., 30c.; \$1.00 per $\frac{1}{4}$ lb.

CAULIFLOWER PLANTS

	Doz.	100	1000
Hotbed Grown	\$0.20	\$1.00	\$7.50
Pot Grown .....	.50	4.00	35.00
	Oz.	$\frac{1}{4}$ lb.	Lb.
CARAWAY	\$0.07	\$0.20	\$0.60
CATNIP (Pkt., 7c.) .....	.30		



Celery, New Columbia

Dwarf Golden Heart. A Christmas celery. Oz., 15c.; ¼ lb., 40c.; \$1.50 per lb.

Pink Plume. Rose-colored stalks. Oz., 20c.; ¼ lb., 60c.; \$2.25 per lb.

Golden Self Blanching (American Grown). Our strain of this is grown from French seed. 50c. per oz.; ¼ lb., \$1.75; \$6.00 per lb.

***New York.** A self-blanching variety, being a cross between Giant Pascal and White Plume. It is crisp, brittle and a fine variety for the market gardener, coming ahead of White Plume and is much larger. 20c. oz.; ¼ lb., 60c.; \$2.25 per lb.

Celeriac. Giant Smooth Prague. 20c. oz.; ¼ lb., 50c.; lb., \$1.75.

Flavoring Celery. Not for sowing. 8c. ¼ lb.; lb., 25c.

Special Prices will be quoted on celery plants in large lots.

CELERY PLANTS

Leading Varieties. Early and late. 40c. per 100; per 1000, \$3.50.

CUCUMBER

***Arlington Improved White Spine.** The best sort for growing under glass and general outdoor crop for market, producing fruits which are always uniform; deep green, very smooth and rounded at the end. It is not always the largest cucumber which is wanted by the market gardener, because the produce man is limited as to the price he can get. Oz., 10c.; 30c. ¼ lb.; lb., \$1.00.

***Davis' Perfect.** Very similar in form to the above; a heavy crop can always be depended upon whether grown under glass or outdoors. As a rule it bears three or four specimens in a cluster of even larger size than the White Spined; of rich deep green color. 10c. oz.; ¼ lb., 25c.; 75c. lb.

***Jersey Pickle, or Green Prolific.** A staple variety with many of the larger market gardeners, it is short and thick and used principally for pickling. Oz., 8c.; 20c. ¼ lb.; lb., 70c.

	Oz.	¼ lb.	Lb.
White Spined (Usual Strain).....	\$0.08	\$0.20	\$0.75
Cool and Crisp.....	.08	.20	.75
Emerald.....	.08	.20	.60
Evergreen.....	.08	.20	.60
Japanese Climbing.....	.10	.35	1.00
Long Green Turkey.....	.08	.20	.75
Small Gherkin or Burr.....	.10	.35	1.25

ENGLISH FORCING CUCUMBERS

Lockie's Perfection, Sion House, Telegraph, Tender and True. The forcing varieties, 20c. each, per pkt. of 12 seeds; per 100 seeds, \$1.50.

CELERY

***Michell's Improved White Plume** (Private Stock). One of the earliest of celeries, and grown in enormous quantity by all the leading truckers. Our strain of this is unusually fine. Many of our customers engage their requirements a year ahead, so as to be sure and procure it from us before our stock is exhausted. Oz., 25c.; 75c. ¼ lb.; lb., \$2.50.

White Plume (Usual Strain). Oz., 20c.; 60c. ¼ lb.; lb., \$2.00.

***Golden Self Blanching** (French Grown Seed, Vilmorin Stock). The leading variety for Thanksgiving market; enormous stalks of golden yellow, requiring almost no artificial blanching; grown in enormous quantities by all who specialize in celery. Our stock is the best in the world and absolutely true. This strain is very scarce this year. ¼ oz., 40c.; 70c. ½ oz.; \$1.25 per oz.; ¼ lb., \$4.25; \$15.00 per lb.

***New Columbia.** A popular variety with the truck gardener, especially in the Chicago market; of medium height, but very solid and heavy; three stalks make a massive bunch; splendid winter variety, keeping well. 25c. oz.; ¼ lb., 75c.; \$2.25 lb.

***Giant Pascal.** Ideal for the trucker, keeping longer than any other sort, of splendid appearance and exceedingly tall, three features which recommend it to the man who grows for profit; blanches pure white. Oz., 15c.; 40c. ¼ lb.; lb., \$1.25.

***Michell's Far Superior.** The best mid-winter variety, very tall and with a large full heart; no waste; sells on sight. Oz., 15c.; 50c. ¼ lb.; lb., \$1.50.

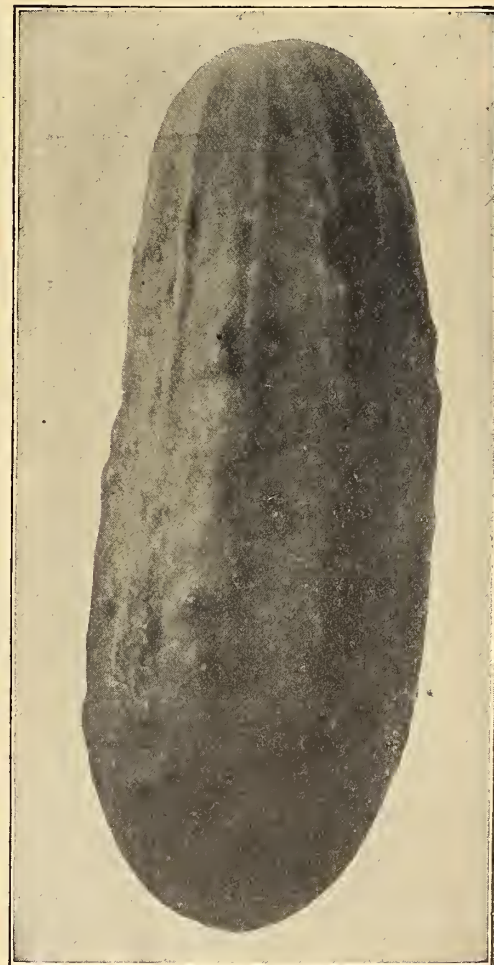
***Winter Queen.** A medium tall solid variety, keeps well through the winter; very full and large heart. Oz., 20c.; 50c. ¼ lb.; lb., \$1.50.

Winter King. Very large, solid green, winter sort; blanches well. 25c. oz.; ¼ lb., 90c.; \$3.00 lb.

Early Snowdrift. An Improved White Plume. Oz., 20c.; ¼ lb., 60c.; \$2.00 lb.

Easy Bleacher

(Green). A variety that has created a sensation in the New York markets. It combines all the good qualities of the early self-blanching sorts and the crisp, nutty flavor of the green winter varieties (see Page 36). ½ oz., 15c.; 25c. oz.; ¼ lb., 85c.; \$3.00 lb.



Davis Perfect Cucumber

44 MICHELL'S SUGAR CORN (Connecticut Valley Grown)

Very Short Crop—Order Early

Varieties Marked * are Especially Suited for Market Gardeners' Use

NOTE—Explanation of Crop Shortage.

The supply of sugar corn for seed is alarmingly short, due to the continuous drought, and the early frosts in the growing districts, the former prevented rapid growth and ear formation, while the latter caught the crop with the grains still in the milk in many kinds. At the time of going to press with this catalog no definite estimate of the harvest could be made, nor could any reasonable value be placed on the seed. We expect a generous delivery from our respective growers of this crop and will fill orders at the lowest possible prices.

EARLY VARIETIES

***Early Giant Wonder.** It is the earliest of the true sugar corns and produces fine, large, regular-grained ears.

Early Champion. Large ears, well shaped and exceedingly sweet.

***Ideal.** One of the biggest yielders among the first earlies, and for this reason it is often preferred by market gardeners. Notwithstanding its earliness, the ears are quite large and our grower pays more attention to reselecting this variety than any other sort.

***Stabler's Extra Early.** A very popular sort among the truckers; as the ear when ready for market is very attractive and is a ready seller.

***Kendel's Early Giant.** Very cylindrical ears, which are large deep grained and very sweet.

Golden Bantam. The sweetest corn grown, and while the ears are small it is the color actually which prevents it from being a favorite in the market. If the trucker will persist in introducing it, his customers will continue to ask for it; color, a beautiful golden yellow.

Golden Rod. Similar to Golden Bantam with larger ears and lighter color and not quite so early.

Metropolitan. An extra early sort following Crosby's, but with larger ears; very sweet and a great producer.

***Howling Mob.** One of the earliest, with fine, large ears of sweetest quality. A splendid variety for the market gardener as well as for home use.

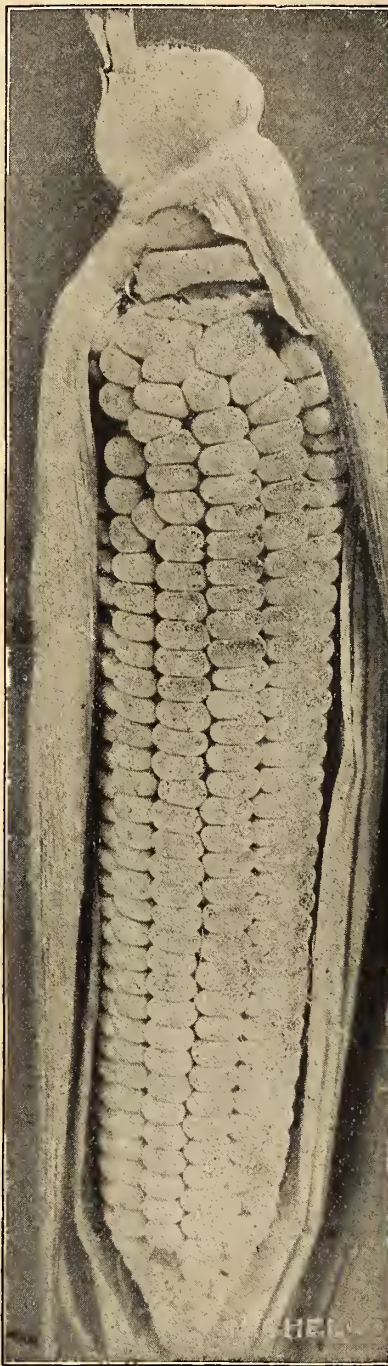
***Long Island Beauty.** Second early variety. Large size; valuable market sort.

Crosby's Extra Early. Medium-sized, very early and sweet, dwarf grower, but very productive.

Early Evergreen. Like "Stowell's" in appearance and quality, but much earlier

Early Mammoth. Really a second early variety, producing enormous ears on a mammoth stalk.

NOTE.—If Sugar Corn is wanted by parcel post, allow for postage, as this is not included in our prices quoted here. 1 pint weighs 1 lb., 1 quart weighs 2 lbs., 1 peck weighs 13 lbs. Your letter carrier or postmaster can tell you the amount of postage. If Field Corn is desired by mail allow for postage. 1 pint weighs 1 lb., 1 quart weighs 2 lbs., 1 peck weighs 14 lbs.



Michell's Delicious Sugar Corn

MEDIUM AND LATE VARIETIES

***Eastwick.** A new variety that will become a great favorite. The hull when the corn is eaten remains on the cob, which is a valuable feature; it is of medium size and exceptionally sweet.

***Michell's Delicious.** Any market gardener selecting this variety as his standard for a mid-season planting will not be disappointed. Not only does it produce handsome ears in large quantity, but its flavor is excellent, and once tasted it is demanded again. Medium late.

***Stowell's Evergreen.** This old favorite cannot be superseded by any; it has the shape, size and quality in such abundant measure that the grower not only likes to plant it, but the consumer demands it.

***Country Gentleman.** A large late variety, with the deep kernels set very irregularly on the cob. It is undoubtedly one of the sweetest late corns grown, which alone recommends it.

Little Gem or Shoe-Peg (Ne Plus Ultra). Very similar to the above, having the same merits.

Black Mexican. Medium-sized ears, black and white kernel, very sweet; late.

Late Mammoth. The latest maturing and the largest of all sweet corn, gigantic ears produced in quantity. The stalks often grow 8 to 9 feet high.

Sugar Corn on Ears

We can supply the following varieties in selected, well-shaped ears; bought in this manner one can make a careful reselection of grains or ears:

Crosby's, Country Gentleman, Stowell's Evergreen, Late Mammoth, Kendel's and Stabler's. 7c. each; doz., 60c.; \$4.00 per 100.

POP CORN (on Ears)

For seeding or popping.

	Lb	10 Lbs.
White Rice	\$0.10	\$0.75
Queen's Golden .....	.10	.75

FIELD CORN

Grown especially for seed purposes, shelled from selected ears, carefully tipped and butted.

	Qt.	Pk.	Bu.
Chester Co. Mammoth	\$0.10	\$0.60	\$2.25
Cloud's Early Yellow Dent .....	.10	.60	2.25
Early Yellow Canada or Flint (8 rowed) ...	.10	.60	2.25
Golden Beauty Improved .....	.10	.60	2.25
Hickory King. White .....	.10	.60	2.25
Leaming Early Dent. Selected strain .....	.10	.60	2.25
100 Day Early Bristol .....	.10	.60	2.25
Red Cob Ensilage. White .....	.08	.50	2.00
Eureka Ensilage. Yellow .....	.10	.60	2.25
Virginia Ensilage. White .....	.10	.60	2.25

When ordering Field Corn in 1-bushel lots and over allow 25c. for each 2-bushel seamless bag. (These are returnable for credit.)

CHERVIL

Few market gardeners realize that they can have a steady income during the winter from supplying fresh greens to the hotel trade. Chervil is a flavoring green which is used in dressing lettuce, and while it is but little known a single introduction will work up considerable demand.

Double Curled. Oz., 10c.; 25c. ¼ lb.; 75c. lb.

CHICORY. Large Rooted. 8c. oz.; ¼ lb., 20c.; 70c. lb.
Witloof. 10c. oz.; ¼ lb., 35c.; \$1.25 lb.

CORIANDER. For flavoring. 7c. oz.; ¼ lb., 25c.; 60c. lb.

CORN SALAD

On account of the German populace in and near Philadelphia, this is much in demand and constitutes a profitable crop, bringing in money at a time of the year when vegetables are either exhausted or have not yet matured.

Large Seeded. Oz., 5c.; 15c. ¼ lb.; lb., 45c.; \$2.00 per 5 lbs.

CHIVES. Strong plants. 85c. doz.; 100, \$6.00. Seed, pkt., 10c.

WATER CRESS

A profitable side crop on any place where there is a stream of water; once established it remains for years, seeding itself. Prefers a running stream, not too deep; a money-maker in the spring, without any bother.

True Erfurt. Oz., 25c.; 85c. ¼ lb.; \$3.00 lb.

GARDEN CRESS. Extra Curled or Pepper Grass. 5c. oz.; ¼ lb., 15c.; 3c. lb.

**ENDIVE**

***Giant Fringed.** One of the largest and most curly varieties, very tender when properly blanched. This is another crop that brings in returns during the dull season. Properly cared for it can be kept all winter and marketed as required. Oz., 15c.; 40c. ¼ lb.; lb., \$1.25.

***Broad Leaved Batavian.** This variety has large broad, ribbed leaves, which blanch almost pure white and which sells readily, especially to the French and Italian people. Oz., 10c.; 30c. ¼ lb.; lb., \$1.00.

	Oz.	¼ lb.	Lb.
Improved Green Curled.....	\$0.10	\$0.30	\$1.00
White Curled. Self Blanching.....	.10	.30	1.00

FENNEL. An aromatic herb..... .07 .25 .75

GARLIC. .25c. lb. (5 lbs. \$1.10).

HOP VINES. Strong pot plants. \$1.20 per doz.; per 100, \$9.00. Seed, pkt., 8c.

LEEK

***Giant Carentan.** Enormously large very thick, long stalk with plenty of edible heart. 12c. oz.; ¼ lb., 35c.; \$1.25 lb.

***Large Musselburg.** Slightly longer than the Carentan, but not so thick at the base. 12c. oz.; ¼ lb., 35c.; \$1.25 lb.

London Flag. Oz., 12c.; 35c. ¼ lb.; lb., \$1.25.

LAVENDER
(Herb). 20c. oz.; ¼ lb., 60c.; \$2.25 lb.

LAVENDER PLANTS
Strong stock. \$1.50 doz.; per 100, \$10.00.



Giant Carentan Leek

DANDELION

This is not the common weed known under that name, but one which is especially cultivated as a spring green, being grown in frames for this purpose. We handle only the true French Grown Seed, which is the only kind that should be used.

Thick Leaved, or Cabbaging. Oz., 35c.; \$1.25 ¼ lb.; lb., \$4.75.

DILL

Used as a flavoring for pickles laid in brine; there is a lively demand for it in all sections where cucumbers are put up in this way. Oz., 5c.; 15c. ¼ lb.; lb., 50c.; \$2.25 for 5 lbs.

EGG PLANT

***Black Beauty.** The earliest, largest and finest colored fruit, extensively grown in New Jersey as the leading market variety. Our strain of seed is carefully selected from the best ripe specimens. Oz., 35c.; \$1.10 ¼ lb.; lb., \$4.00.

	Oz.	¼ lb.	Lb.
New York Improved	\$0.25	\$0.85	\$3.25

EGG PLANT PLANTS

	Doz.	100	1000
Hotbed Grown	\$2.25	\$20.00	
Pot Grown	\$0.50	4.00	35.00

HOREHOUND. (Herb). 20c. per oz.; ½ lb., 60c.; \$1.75 per lb.

HORSE RADISH ROOTS

Maliner Kren. 75c. per 100; per 1000, \$6.00.
Common Variety. 50c. per 100; per 1000, \$4.00.

KALE OR BORECOLE

New Imperial, or Long Standing. Very curly and of fine dark green color, stands about 15 inches high and is a tremendous cropper. Oz., 7c.; 20c. ¼ lb.; lb., 60c (5 lbs., \$2.50).

Dwarf Green Curled Scotch. A semi-dwarf variety which stands the severest winters extremely well, of rich green color and finely curled. 7c. oz.; ¼ lb., 20c.; 70c. lb.

Dwarf Green German. 7c. oz.; ¼ lb., 20c.; 70c. lb.

KOHL RABI

This should be grown by market gardeners, especially those who have the patronage of German people; growers should be careful to market young roots only, as then only are they tender and delicious; can be successfully grown in frames.

	Oz.	¼ lb.	Lb.
White Vienna	\$0.20	\$0.50	\$1.50
Earliest White Erfurt .....	.20	.65	2.25
Purple Vienna .....	.20	.50	1.50

Michell's Choice Lettuce Seed

Grown from carefully selected heads and strains of seed.

Especially for market gardeners' trade.

VARIETIES marked * are especially suited to market gardeners' needs.

SPECIAL NOTE—Seeds offered on this page mailed postpaid at prices named. SHOP BY MAIL.

1 oz. Seed
produces
about 2,500
plants.

All Heart. Fine for spring and summer, large loose heads with a solid heart. 15c. oz.; ¼ lb., 40c.; lb., \$1.00.

***Big Boston (Selected Stock).** One of the best varieties for forcing under glass, but is equally satisfactory planted outdoors, large solid heads. Oz., 12c.; ¼ lb., 35c.; lb., \$1.00.

Black Seeded Simpson. Ideal for midsummer; large, loose leaved curly heads. 10c. oz.; ¼ lb., 30c.; \$1.00 per lb.

Boston Market (or White Seeded Tennisball). Splendid forcer and for spring use outdoors, small solid heads. Oz., 10c.; 30c. ¼ lb.; lb., \$1.00.

Cabbage Head Giant. Monster head lettuce for summer. 10c. oz.; ¼ lb., 30c.; \$1.00 lb.

***May King.** If sown under sash and cropped outdoors this has proven to be the earliest lettuce in existence. 12c. oz.; ¼ lb., 30c.; \$1.00 lb.

***Michell's All-Right.** For the first crop in hotbeds or outdoors in spring. A very large solid head with a rich green color. It requires less of these to fill a barrel than any other lettuce we know of, fine also for an autumn crop. Oz., 15c.; 50c. ¼ lb.; \$1.50 lb.

***Michell's Number One.** Ideal for autumn use, a sure header, immensely large. Oz., 15c.; 40c. ¼ lb.; \$1.25 lb.

***Michell's Summer Queen.** There are but few varieties of lettuce that can be depended upon to mature to perfection during the excessively hot months. When we state that "Summer Queen" is the most reliable variety for this purpose we claim an absolute fact. It constitutes the best mid-summer crop for the market gardener. The heads are enormous, very solid, of a light green color and are much superior to any other variety that can be cropped at that time. It will stay longer without going to seed than any others, thus being all profit and no loss to the grower. Oz., 25c.; ¼ lb., 75c.; \$2.50 lb.

Sensation. Large solid heads for summer or sowing under sash in spring. 15c. oz.; ¼ lb., 35c.; \$1.25 lb.

***Spotted Dutch Butter (Private Strain).** A very early lettuce, may also be used as a second crop; its appearance, if nothing else, sells it. The outer leaves are slightly tinged with brown on the edges, towards the centre they are light green, with a golden yellow heart. Oz., 15c.; 40c. ¼ lb.; \$1.25 lb.

Spotted Dutch Butter (Regular Strain). Oz., 10c.; 30c. ¼ lb.; \$1.00 lb.

Wayahead. A variety of great merit, very early, suited for spring sowing under glass or for outdoor. 10c. oz.; ¼ lb., 30c.; \$1.00 per lb.

Unrivaled. Similar to Big Boston. 10c. oz.; ¼ lb., 30c.; \$1.00 per lb.

Wonderful, or New York. Splendid midsummer and late autumn sort, large curled leaf; heads. 15c. oz.; ¼ lb., 40c.; \$1.25 lb.

LOOSE OR CURLED LEAVED VARIETIES

Early Curled Simpson. Very much like the Black Seeded Simpson, but is much earlier. 10c. oz.; ¼ lb., 30c.; \$1.00 lb.

Grand Rapids (Special Strain). A variety used by many for forcing under glass, it is loose-leaved; very fine and brittle. Oz., 10c.; 30c. ¼ lb.; \$1.00 lb.

Silesian. Ideal for a cutting lettuce, very early and lasts a long while, does not head. 10c. oz.; ¼ lb., 30c.; \$1.00 lb.

COS ROMAINE OR CELERY LETTUCE

Kingsholm Cos. Tall upright growth, fine heads, this sells readily to hotel trade, must be tied to blanch. 15c. oz.; ¼ lb., 45c.; \$1.50 lb.

Trianon Self Folding. Similar to the Kingsholm, but does not require tying to blanch. Oz., 10c.; 35c. ¼ lb.; lb., \$1.25.

LETTUCE PLANTS

Leading Heading Varieties. Per 100, 40c.; \$3.50 per 1000.



Lettuce Summer Queen

Early Cabbage, or White Butter. Very large heads, excellent for early spring or summer use. 10c. oz.; ¼ lb., 30c.; \$1.00 lb.

Davy's Improved Big Boston. This strain had its origin in France, near Paris, where it is probably grown more than any other sort. For a number of years a certain market gardener in the vicinity of New York had a monopoly on this variety, but after careful inquiry we have located the source of supply and are pleased to offer this most excellent lettuce in our catalogue for the first time. It is superior in every way to the usual strain of the Big Boston variety. The heads are larger, almost twice the size, more solid and of a better flavor. The grower would only allow us a very limited amount, so the stock is quite scarce for this season. We advise early ordering. 25c. per oz.; per ¼ lb., 90c.; \$3.00 per lb.

Emperor Forcing. The finest variety for greenhouse or hotbeds. 10c. oz.; ¼ lb., 35c.; \$1.25 lb.

Hanson Improved. Crisp, curly heads, very solid, for summer use only. 10c. oz.; ¼ lb., 30c.; \$1.00 lb.

***Mammoth Salamander.** Splendid for midsummer, will resist heat and drought, always making a large solid head. Oz., 12c.; 30c. ¼ lb.; \$1.00 lb.

MICHELL'S SUPERIOR MUSHROOM SPAWN NEW STOCK 47 ALWAYS ON HAND

Brandywine Pure Culture Spawn

This type produces heavy, short-stemmed mushrooms of uniform size. The bricks are inoculated with Pure Spawn culture in the same manner as the "Lambert" strain. While this brand is comparatively new, it bids fair to become very popular.

1 Brick	\$0.30
12 Bricks.....	2.50
25 Bricks.....	5.50
50 Bricks.....	10.00
100 Bricks.....	18.00
1000 Bricks.....	167.50

Lambert's Pure Culture Spawn

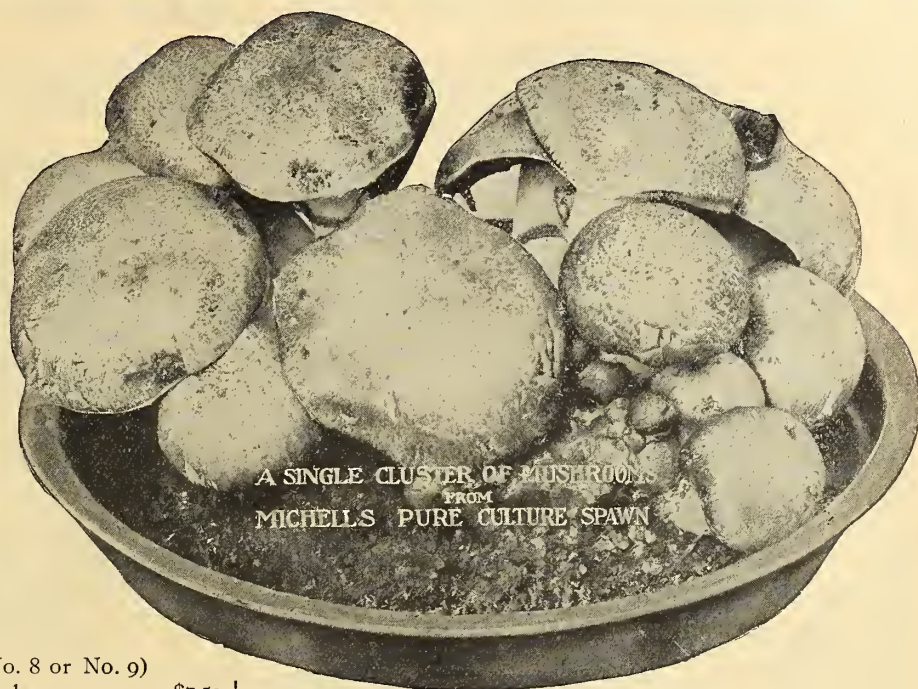
This type produces larger mushrooms than the English, coming into bearing somewhat earlier and continuing a long time.

Direct No. 8 Cream White. Does best from April to October.

Direct No. 9 Pure White Type. Does best from October to April.

Prices of Direct Bricks (Either No. 8 or No. 9)

Per brick.....	\$0.25	50 Bricks.....	\$7.50
12 Bricks.....	2.15	100 Bricks.....	14.00
25 Bricks.....	4.00	1000 Bricks.....	135.00



Michell's English Mushroom Spawn

15c. per brick (25c. postpaid); per doz.; \$1.40; 25 lbs., \$1.50; \$5.50 per 100 lbs.; per 1000 lbs., \$50.00.

Testimonial on Michell's Mushroom Spawn

Last fall I purchased Mushroom Spawn from you and the results are simply wonderful. The beds were one solid mass of mushrooms, and they were the curiosity of the town, as people came from all over to see them.

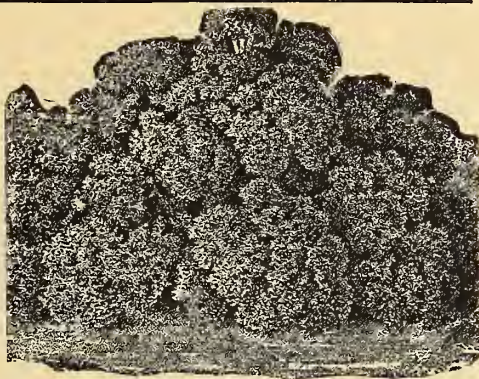
Punxsutawney, Pa.

(Signed) E. J. BAKER.

Parsley

*Covent Garden or Double Curled.

This is the best variety for the market gardener, as it produces intensely curled leaves of good size of a rich green color, with long stems, which makes it easy to bunch. Oz., 10c.; 20c. ¼ lb.; lb., 75c. (5 lbs., \$3.50).



***Champion Moss Curled.** Densely curled, light green, long stemmed. Oz., 8c.; 20c. ¼ lb.; lb., 60c.

***Hamburg or Rooted.** A favorite among the foreign people who cook the root. Oz., 10c.; 20c. ¼ lb.; lb., 60c. (5 lbs., \$2.50).

Parsley Plants

Pot Grown. 50c. doz.; per 100, \$4.00.

OSHAWA, ONT.

Your name I have found connected with what seems the best strains of vegetable seeds tried at the Pennsylvania State College. I want to put in an acre of Tomatoes "Earliana." Please send me enough seed for 4000 plants.

W. M. AIKENHEAD.



Mushroom or Hot Bed Thermometers

Heavy Iron Point style.\$0.90 | Heavy Brass Point style.\$1.35

OKRA OR GUMBO

***Perkin's Long Pod.** A very dwarf prolific variety, the pods are long and dark green. Oz., 7c.; 15c. ¼ lb.; lb., 45c.

Dwarf Green. Exceedingly productive, dark green pods, somewhat taller than Perkin's. Oz., 7c.; 15c. ¼ lb.; lb., 35c.

White Velvet, or Creole. Oz., 7c.; 15c. ¼ lb.; lb., 35c.

PARSNIP

***Sugar, or Hollow Crown.** Very thick, broad shouldered variety, pure white roots of large size. Oz., 8c.; 15c. ¼ lb.; lb., 50c. (5 lbs., \$2.00).

PEANUTS (Seed)

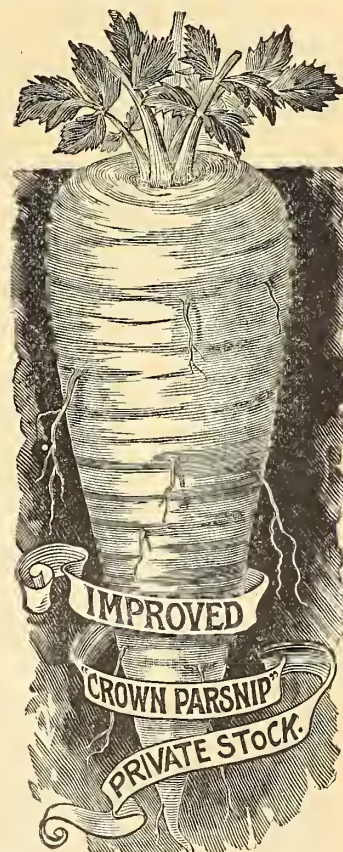
Qt., 20c.

MINT

20c. per pkt. (3 pkts., 50c.).
Mint Plants. Spearmint and Peppermint. \$1.00 doz.; \$6.00 per 100.

MUSTARD

White or Yellow. 5c. oz.; ¼ lb., 12c.; 35c. lb.



*Varieties are especially Suited to Market Gardeners. Prices on Seed include postage charges.

*Varieties are suited to market gardeners' needs. Prices of seeds on this page include postage charges.

DOROTHY, N. J.

I am sending you by express a few of your Michell's "Delicious" melons. I think they are very fine indeed. H. K. Lewis.



MUSK MELON or CANTALOUPE

Honey Dew (*New*). See page 38.

***Michell's Strain Improved Rockyford Musk Melon.** (See cut.) This is a very fine market gardener's melon, rich green flesh with very small seed cavity. Oz., 7c.; 20c. $\frac{1}{4}$ lb.; lb., 60c.

***Fordhook.** An improved Emerald Gem, salmon-orange flesh, large flat fruit. Oz., 8c.; 20c. $\frac{1}{4}$ lb.; lb., 70c.

***Burrell Gem.** In shape similar to Rockyford, but with rich orange meat, an excellent shipper, an ideal melon for the market gardener. Oz., 10c.; 20c. $\frac{1}{4}$ lb.; lb., 65c.

***Michell's Delicious.** Very large with silver grey smooth skin, flesh deep salmon; fine for hotel trade. (Pkt., 10c.) 40c. oz.; $\frac{1}{4}$ lb., \$1.50; \$5.00 per lb.

***Emerald Gem.** A leading variety with rich salmon flesh, very sweet and prolific. Oz., 8c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

***Extra Early Hackensack.** Of Turk's Cap form, being very early, netted and deeply ribbed, flesh light green. Oz., 7c.; 20c. $\frac{1}{4}$ lb.; lb., 60c.

***Jenny Lind.** Small but very early, planted for the first picking, green flesh. Oz., 7c.; 20c. $\frac{1}{4}$ lb.; lb., 60c.

***Delicious (Gold Lined).** Delicious, flesh thick, fine grained and sweet; color green, with a gold margin; heavily netted. 10c. oz.; $\frac{1}{4}$ lb., 25c.; 75c. lb.

***Defender.** Salmon flesh. 8c. oz.; $\frac{1}{4}$ lb., 20c.; 65c. lb.

***Eden Gem.** An improved Jenny Lind. 8c. oz.; $\frac{1}{4}$ lb., 20c.; 60c. lb.

***Hoodoo.** Orange flesh, very fine. 8c. oz.; $\frac{1}{4}$ lb., 20c.; 60c. lb.

***Henderson's Bush.** A new compact-growing variety, very prolific, green flesh tinted salmon. 15c. oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

FORCING MELONS

Invincible Scarlet, Blenheim Orange, Windsor, Sutton's A1. Each, per pkt., 20c., except Sutton's A1, which is 45c. pkt.

POTATOES (Northern Grown)

Beauty of Hebron, Early Rose (Maine Grown), Michell's "Beats Them All" (Ex. Early), State of Maine, Irish Cobbler. Prices vary according to market conditions. Orders will be executed at lowest prices or we will quote on request.

WATER MELON

***Tom Watson.** A very dark green fruit, frequently 2 feet long and 12 inches in diameter. The very dark green rind is a contrast to the bright scarlet flesh which, by the way, is of splendid texture and flavor. Nothing can touch it in the melon line for shipping qualities, the rind being tough it will resist plenty of abuse. 10c. oz.; $\frac{1}{4}$ lb., 20c.; 60c. lb.

***Halbert Honey.** An ideal melon. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin, dark green while the flesh is a rich crimson. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.

***Kleckley Sweets.** Not a shipping variety, as the rind sets too close to the ripe, fluffy, rich red meat. The melons average about 20 inches long and ripen quite early. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.

***Dixie.** One of the old-time favorites, roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet and ripens close to the rind. 7c. per oz.; $\frac{1}{4}$ lb., 15c. 50c. per lb.

***Cuban Queen.** Very similar in description to Dixie, except the melon is of mammoth size; it is very solid and good for shipping. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.

***Mountain Sweet.** Early and very large, oblong shape, rind dark green; flesh red, solid and sweet. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.

***Florida Favorite.** Large oblong fruit with striped skin; flesh is brilliant pink, of most delicious flavor. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.

***Light Icing.** Flesh bright red, outside color very light green, round in shape. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.

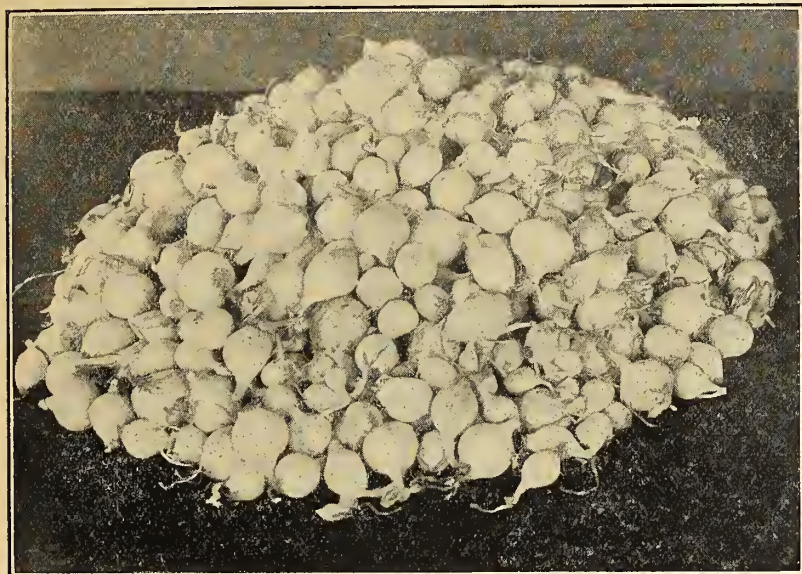
PRESERVING CITRON OR MELON

Red Seeded. 7c. per oz.; $\frac{1}{4}$ lb., 20c.; 60c. per lb.

SWEET POTATO PLANTS (Ready in May)

Yellow and Red Nansemond. 40c. per 100; per 1000, \$3.00. Special price in large lots.

NOTE—Prices for lb. lots and less on this page, except on sets, include postage charges.



Choice Onion Sets always find a ready market

HOME GROWN ONION SETS, Etc.

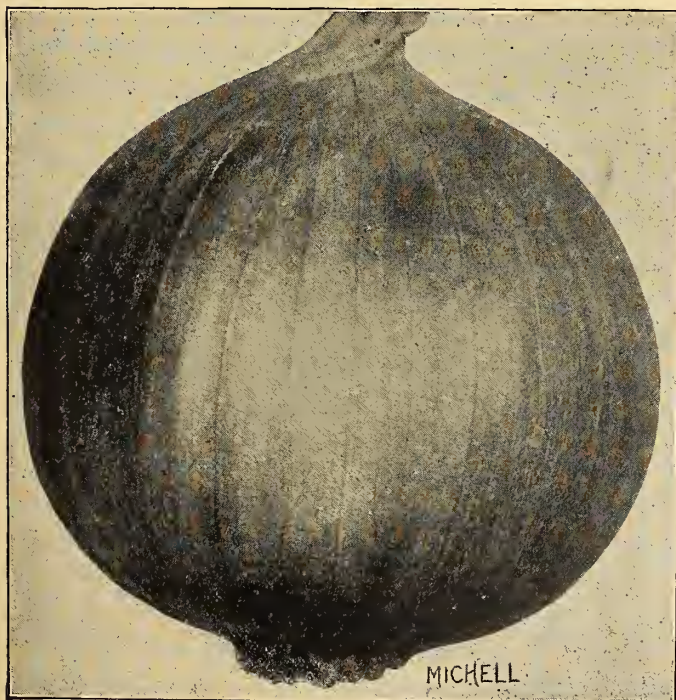
Shipped on Local Orders about March 10th, unless otherwise requested.

We give 32 lbs. per bushel.

	Qt.
Yellow	\$0.20
White .....	.25
Red .....	.25
White Multiplier .....	.25
Potato Onion .....	.25
Shallots .....	.25
Tree or Top. (Can be supplied in Sept. and Oct.)	
Garlic Sets. Per lb., 25c.; 5 lbs. for \$1.10.	

Prices vary constantly. Orders will be executed at market quotations or special prices will be quoted on request.

Prices on Onion Sets are subject to change



Prizetaker Onion

CHOICE ONION SEED

The crop of Onion Seed is again one of the smallest in many years. We recommend early ordering.

Ailsa Craig. The largest of all onions, often weighing 3 lbs. and over each. In England it is the foremost variety and will be seen there on exhibition during all vegetable shows. It is globe-shaped, slightly pointed at the top and base; the color is a beautiful straw yellow. Pkt., 10c.; 20c. ½ oz.; oz., 40c.; \$1.25 per ¼ lb.; lb., \$4.50.

***Prizetaker.** This mammoth yellow variety, if sown thinly, produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs. and more. Oz., 20c.; 60c. per ¼ lb.; \$2.00 per lb.; 5 lbs., \$9.00.

***Danver's Yellow Globe.** This almost round in shape onion is extensively sown by the private and market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to large size. Oz., 20c.; 60c. ¼ lb.; lb., \$2.00 (5 lbs., \$9.00).

Southport Yellow Globe. Similar to the Danvers, except larger in size, more like the Prizetaker. This is probably one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light colored skin. Oz., 20c.; 65c. ¼ lb.; lb., \$2.25.

***Yellow Strasburg (or Dutch).** A dark straw color skinned sort, almost flat in shape, but a large onion. Its fine keeping qualities is what recommends itself to the home as well as the market gardener. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other; one of the best winter keepers. Oz., 20c.; 50c. ¼ lb.; lb., \$1.75 (5 lbs., \$8.50).

Large Red Wethersfield. A flat large growing variety. This class are excellent winter keepers, being flavored much like the yellow sorts; full size onions can be grown from the seed in one season. Oz., 15c.; 50c. ¼ lb.; lb., \$1.75.

***White or Silver Skin.** The standard white onion for market or home use, it is of very mild flavor, semi-globe shaped and is very uniform in growth and size. 20c. per oz.; ¼ lb., 75c.; \$2.75 per lb. (5 lbs., \$13.00).

***Southport White Globe.** A beautiful type of an almost round onion, growing to enormous size. Our stock of this is unusually fine. 30c. oz.; ¼ lb., \$1.00; \$3.50 lb.

White Barletta. Extra early small round variety used principally for pickling. Oz., 20c.; 75c. ¼ lb.; lb., \$2.75.

Bermuda White. An early variety growing an immense globe-shaped bulb, producing gigantic onions. Oz., 20c.; 65c. ¼ lb.; lb., \$2.50.

Giant Spanish or Gibraltar. This variety is almost globe-shaped and a big cropper. The skin is of light straw color; flesh white, tender and mild. 20c. oz.; ¼ lb., 75c.; \$2.75 lb.

PUMPKIN

***Large Tours or Mammoth.** The biggest pumpkin in cultivation, producing fruits that often weigh 200 lbs. When fully ripened it is of a golden orange. Oz., 8c.; ¼ lb., 25c.; 80c. lb.

Tennessee Sweet Potato. An oblong-shaped, medium-sized fruit with a very light buff yellow skin; for pies it is delicious. 7c. oz.; ¼ lb., 20c.; 70c. lb.

***Large Cheese.** A very large, flat, ribbed fruit, of a beautiful buff yellow color. 7c. oz.; ¼ lb., 20c.; 60c. lb.

Japanese Pie. A crook-necked variety, deep green striped darker, which turns to a rich golden yellow. Per oz., 7c.; 20c. ¼ lb.; lb., 70c.

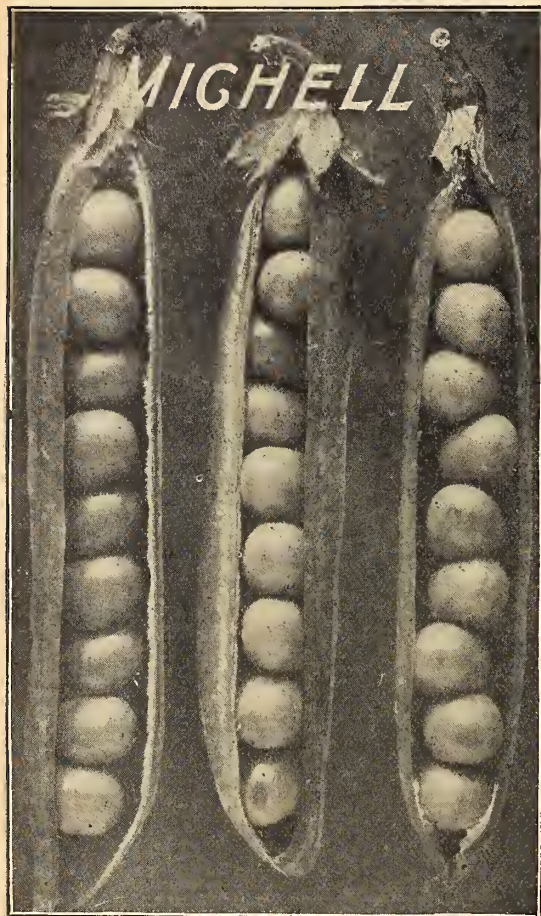
Winter Luxury. Of very round and symmetrical shape. The skin is a russet yellow, the flesh is golden orange when ripe. Oz., 8c.; 25c. ¼ lb.; lb., 80c.

Cashaw or Golden Crook Neck. A very meaty sort; suitable for pie or stock feeding purposes; flesh golden yellow and very tender. Per oz., 7c.; 20c. ¼ lb.; lb., 75c.

Connecticut or Common Field. Flesh coarse and suitable only for stock feeding; color light yellow. 4c. per oz.; ¼ lb., 12c.; 40c. per lb.; 5 lbs., \$1.75.

NOTE.—If Peas are desired by mail please allow for postage. One pint weighs 1 lb., 1 qt. weighs 2 lbs.

VARIETIES marked * are especially recommended for market gardeners' use.



Michell's Tall Telephone Peas

GENERAL OR LATER CROP VARIETIES

Champion of England. A very tall, rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet. 25c. qt.; 4 qts., 85c.; \$1.60 peck; bush., \$6.25.

Dwarf Champion. Possesses most all the good qualities of the famous Champion of England, and having the further advantage of being dwarf; a very delicious pea, which should be planted largely; height, 2 feet. 30c. qt.; 4 qts., \$1.00; \$1.60 peck; bush., \$6.25.

Stratagem (Improved). Immense pods, containing an abundance of good, large, tender peas; seed wrinkled; height, 20 inches. 30c. qt.; 4 qts., \$1.10; \$2.00 peck; bush., \$8.00.

SUGAR OR EDIBLE POD VARIETIES

This type produces large, well-filled pods. The latter are cooked with the peas intact. They are very tender and exceedingly sweet.

Dwarf Sugar. Gray seed; height, 2 feet. 30c. qt.; 4 qts., \$1.10; \$2.00 peck; bush., \$8.00.

Melting Sugar. White seed; height, 4 feet. 35c. qt.; 4 qts., \$1.25; \$2.25 peck; bush., \$9.00.

MICHELL'S SEEDS ARE PRIZE WINNERS.

BAR HARBOR, ME.

For the third year in succession I have won the silver cup offered by our horticultural society for the best display of vegetables. They were all grown from your seeds.

WM. McGRANAGHAN.

EXTRA EARLY VARIETIES

Alaska. Smooth seeded, very early, height 2½ feet. 25c. qt.; 4 qts., 85c.; \$1.60 peck; bush., \$6.25.

Ameer. A very large podded early pea, following the Alaska. It is a heavy cropper. 25c. qt.; 4 qts., 90c.; \$1.75 peck; bush., \$7.00.

American Wonder. The earliest wrinkled dwarf variety, exceedingly sweet; height, 10 to 12 inches. 30c. qt.; 4 qts., \$1.10; \$1.75 peck; bush., \$7.00.

Bountiful. The pods are very large and well filled; it is very early, a good cropper. 30c. qt.; 4 qts., \$1.00; \$1.75 peck; bush., \$7.00.

Dandy Extra Early. These are a selection of the Eureka; smooth seeded, very prolific. 30c. qt.; 4 qts., \$1.10; \$1.60 peck; bush., \$6.40.

Early June. A green-seeded, smooth pea, desirable for first panting, an improvement on Alaska; height, 2½ feet. 25c. qt.; 4 qts., 85c.; \$1.60 peck; bush., \$6.25.

Early Morn. One of the earliest of wrinkled peas, earlier and better it is claimed than Gradus or Thos. Laxton. The pods are large and well filled, matures in 60 days and is very prolific. 30c. qt.; 4 qts., \$1.10; \$2.00 peck; bush., \$8.00.

Eureka. A great producer and extremely early, smooth-seeded; height, 24 inches. 25c. qt.; 4 qts., 80c.; \$1.50 peck; bush., \$6.00.

Gradus, or Prosperity. Exceedingly luscious, wrinkled and a producer of gigantic pods and peas; height, 36 inches. 30c. qt.; 4 qts., \$1.00; \$1.85 peck; bush., \$7.40.

Harvester. A great producer under trying conditions. 18 inches high, very sweet, wrinkled. (Crop failed the past season.)

Laxtonian. An extra early marrowfat type, growing 12 inches high, very prolific. 35c. qt.; 4 qts., \$1.25; \$2.25 peck; bush., \$9.00.

Little Marvel. Dwarf wrinkled variety, very sweet and prolific. 15 to 18 inches high. 35c. qt.; 4 qts., \$1.10; \$2.00 peck; bush., \$8.00.

McLean's Little Gem (or Premium Gem). Similar to American Wonder, but a heavier producer, wrinkled seed; height, 18 inches. 25c. qt.; 4 qts., 90c.; \$1.60 peck; bush., \$6.40.

Michell's Special Extra Early. Extremely early, lusciously sweet and very tender; a grand yielder; height, 24 inches. 35c. qt.; 4 qts., \$1.20; \$2.00 peck; bush., \$8.00.

Nott's Excelsior. One of the leading varieties for the market garden. Height, 15 inches. 30c. qt.; 4 qts., \$1.00; \$1.75 peck; bush., \$7.00.

Sutton's Excelsior. It is dwarf, growing about 16 inches and makes a long, broad pod, well filled. 30c. qt.; 4 qts., \$1.10; \$2.00 peck; bush., \$8.00.

The Pilot or Leader. Smooth seeded; extra early. The pods and peas are nearly as large as those of Gradus, and are produced about 3 days earlier. They can be planted much earlier than Gradus. 3 feet. 35c. qt.; 4 qts., \$1.25; \$2.00 peck; bush., \$8.00.

Thos. Laxton. On a par with Gradus in quality, heavy producer. 30c. qt.; 4 qts., \$1.10; \$2.00 peck; bush., \$8.00.

SECOND EARLY VARIETIES

Bliss Abundance. Large pods containing six and even more peas of a delicious flavor. 25c. qt.; 4 qts., 80c.; \$1.50 peck; bush., \$6.00.

Daisy, or Dwarf Telephone. One of the best medium early sorts, bearing heavy pods in the greatest abundance. 30c. qt.; 4 qts., \$1.10; \$2.00 peck; bush., \$8.00.

Heroine. A fine, wrinkled variety; height, 2 feet; a great cropper. 25c. qt.; 4 qts., 90c.; \$1.60 peck; bush., \$6.40.

Long Island Mammoth. Largely in use among market gardeners; it yields handsome, large peas. 25c. qt.; 4 qts., 85c.; \$1.65 peck; bush., \$6.60.

Potlatch. A grand variety similar to Daisy, very sweet. Qt., 30c.; \$1.00 for 4 qts.; peck, \$1.75; \$7.00 per bush.

Telephone (Tall). The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height, 3½ feet. 25c. qt.; 4 qts., 85c.; \$1.60 per peck; bush., \$6.40.

IDLEWOOD, N. J.

The Telephone Peas purchased from you this spring are the best I have ever seen. My patch of these is a great show. I made my first picking June 21st.

MAX LANDGRAF.

*Varieties for market gardeners. Prices of seed on this page include postage.

PEPPER Choice Seed, New Jersey Grown

***Cayenne.** A long red variety, very hot and used principally for bunching with pot herbs. 15c. oz., $\frac{1}{4}$ lb. 50c., \$1.75 lb.

Celestial. A Chinese variety bearing roundish upright pods of various colors on one bush. 20c. oz., $\frac{1}{4}$ lb. 60c., \$2.00 lb.

***Chinese Giant.** This is a real monster pepper, perfectly sweet, the fruit is green turning to bright scarlet, matures very late, a very shy seeder. One of the best for market. 35c. oz., $\frac{1}{4}$ lb. \$1.25, \$4.50 per lb.

Ruby Giant (New). Very large; adapted for stuffing; mild flavor. 30c. oz., $\frac{1}{4}$ lb. \$1.00, \$3.75 per lb.

Golden Dawn. A large yellow variety, shaped like the Chinese Giant, very sweet. 20c. oz., $\frac{1}{4}$ lb. 60c., \$2.00 lb.

Hot Bull Nose. This variety is identical, except flavor, with the Sweet sort bearing the same name. 20c. oz., $\frac{1}{4}$ lb. 65c., \$2.50 lb.

Large Sweet Spanish. A variety rivaling with Chinese Giant, is, however, not as large. Color and shape very similar, also late in maturing. 20c. oz., $\frac{1}{4}$ lb. 60c., \$2.00 lb.

Neapolitan. This variety is an excellent one, grows in long shape and somewhat narrow; it stands upright on the bushes. The fruit is sweet and bright red; a very early sort. 15c. oz., $\frac{1}{4}$ lb. 50c., \$1.75 lb.

New Apple Pepper. A variety of novel appearance, having the form of an apple standing upright on the plant; first green, it afterwards turns a brilliant red, very mild in flavor. For prolificness nothing can surpass it, beginning very early it continues to bear until killed by frost; about 3 inches in diameter. 15c. per $\frac{1}{2}$ oz., oz. 25c., 75c. per $\frac{1}{4}$ lb., per lb. \$2.50.

Red Cherry. A small upright growing sort, very hot in flavor. 20c. oz., $\frac{1}{4}$ lb. 60c., \$2.00 lb.

Ruby King. A large red variety resembling Bull Nose. 25c. oz., $\frac{1}{4}$ lb. 85c., \$3.25 lb.

Small Chili. Used principally for seasoning and making sauce; the small, narrow, red pods are very hot. 20c. oz., $\frac{1}{4}$ lb. 60c., \$2.00 lb.

***Large Bell or Bull Nose.** The standard pepper for market; a great producer. The large fruits are green, but later turn a vivid scarlet. 25c. oz., $\frac{1}{4}$ lb. 80c., \$3.00 lb.

PEPPER PLANTS

	Doz.	100	1000
Hotbed Grown Bull Nose and Cayenne	\$0.20	\$1.25	\$9.00
Pot Grown Bull Nose .....	.50	4.00	35.00



Chinese Giant Pepper



Mammoth Sandwich Island Salsify

SALSIFY (Oyster Plant)

Long White. The favorite market variety, somewhat thinner than the Sandwich Island variety. Oz. 15c., 50c. $\frac{1}{4}$ lb., lb. \$1.90.

***Mammoth Sandwich Island.** This variety is of enormous size, twice as large as the ordinary French; pure white, very tender and delicious. Oz. 20c., 60c. $\frac{1}{4}$ lb., lb. \$2.25.

A LETTER FROM GEORGIA

HICKOX, GA.

Seeds arrived O. K. Thanks for your courteous handling of my order. A prospective customer I had in mind for you bought elsewhere; his seeds arrived at the time yours did, so we are off in a race for supremacy. Michell's seeds are already, at the start, far in the lead.

H. J. McGEE.

	Oz.	$\frac{1}{4}$ lb.	Lb.
ROSEMARY	\$0.25	\$0.90	\$3.25

RHUBARB

Linnaeus .....	.10	.30	1.00
Victoria .....	.10	.30	1.00

RHUBARB ROOTS

	Doz.	100	1000
Large Size	\$0.60	\$4.00	\$35.00
Giant Size for forcing	1.50	10.00	90.00

SORREL. French Broad Leaved, oz. 12c, 35c. $\frac{1}{4}$ lb., lb. \$1.25.

RADISH

EARLY SORTS

*Varieties for market gardeners. Prices on this page for lb. lots and less include postage charges.

Brightest Scarlet, Half Long. Entirely distinct, being a vivid scarlet color, tipped with white. 7c. oz., $\frac{1}{4}$ lb. 15c., 50c. lb.

***Cardinal or Scarlet Globe.** The very best forcing variety, is of globular shape and brilliant cardinal red color. 7c. oz., $\frac{1}{4}$ lb. 20c., 65c. lb. (5 lbs. \$2.75).

***Cardinal Globe (Improved Strain).** This popular radish will be welcomed readily in an improved form, the color and shape are perfect. The leading variety for the market gardener and one of which we sell in very large quantities. The seed of this is harvested from transplanted roots, which have been especially selected as to color and shape. 10c. oz., $\frac{1}{4}$ lb. 30c., \$1.00 lb.

Crimson Giant. Turnip shaped; very large and tender. Oz. 10c., 25c. $\frac{1}{4}$ lb., lb. 75c.

***Early French Breakfast.** Oblong shape, rapid grower, of a beautiful scarlet color, tipped white. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 60c.

***Fireball.** Turnip shaped; brilliant scarlet color, crisp and tender; useful only as a forcing variety or for early spring sowing. 7c. oz., $\frac{1}{4}$ lb. 20c., 60c. lb.

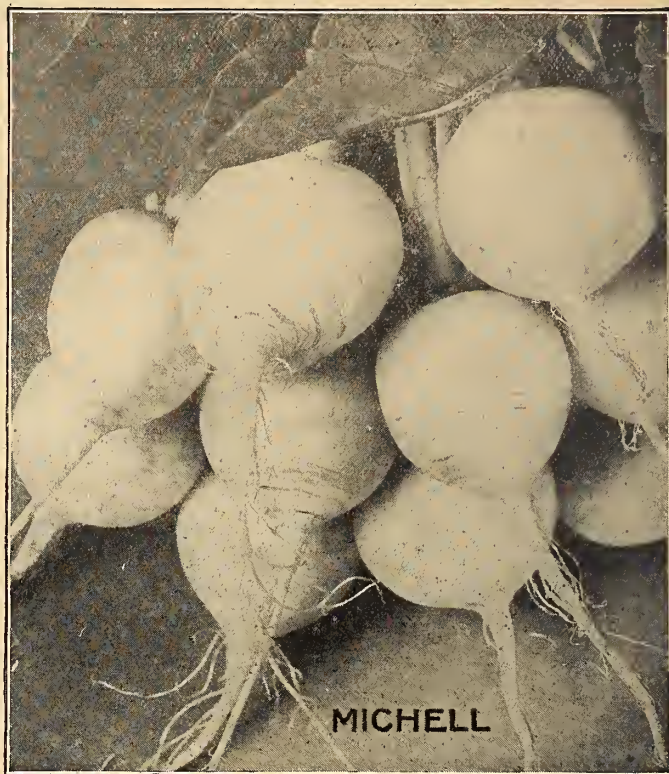
***Icicle.** A magnificent white variety of fine taste, grows $3\frac{1}{2}$ to 4 in. long in 22 days. Also suitable for summer. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 60c.

***Long Scarlet Short Top or Salmon.** The standard variety; long bright scarlet with small short top. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 60c.

***Round Red Forcing or Button.** Very quick in maturing, very short top. 7c. oz., $\frac{1}{4}$ lb. 20c., 50c. lb.



MicHELL's Private Stock Cardinal Globe Radish



Felton's Stock White Box Radish.
EARLY SORTS—Continued

Scarlet Turnip White Tipped. Bright red, white root. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 60c.

Round White Forcing or Turnip. An excellent small solid variety. 7c. oz.; $\frac{1}{4}$ lb., 20c.; 50c. lb.

***White Box, Felton's.** (Private stock.) A selection of the old reliable White Box radish, more perfect in form, producing shorter tops, and does not have a tendency to grow long in shape. 10c. oz.; $\frac{1}{4}$ lb., 25c.; 75c. lb.

White Box, Philadelphia Grown. Perfectly round, smooth skin, pure white. 7c. oz.; $\frac{1}{4}$ lb., 20c.; 60c. lb.

SUMMER SORTS

***Beckert's Chartier (Long).** Color bright salmon scarlet, shading to white as it approaches maturity; it is very crisp and tender. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 50c.

Golden Olive Shaped Yellow. An improvement on the old Yellow Globe sort. This is an ideal summer radish and is of exceptional quality, very mild. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 50c.

Large White Summer Turnip. Very large root of uniform round shape. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 45c.

Long White Lady Finger. A fine white, crisp and mild variety. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 50c.

***White Strasburg.** Oblong of a pure white color, and mild flavor. This is one of the standard half long varieties for the market gardener. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 50c.

WINTER VARIETIES

***California White Winter.** Grows 8 to 10 inches long. One of the best for winter. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 60c.

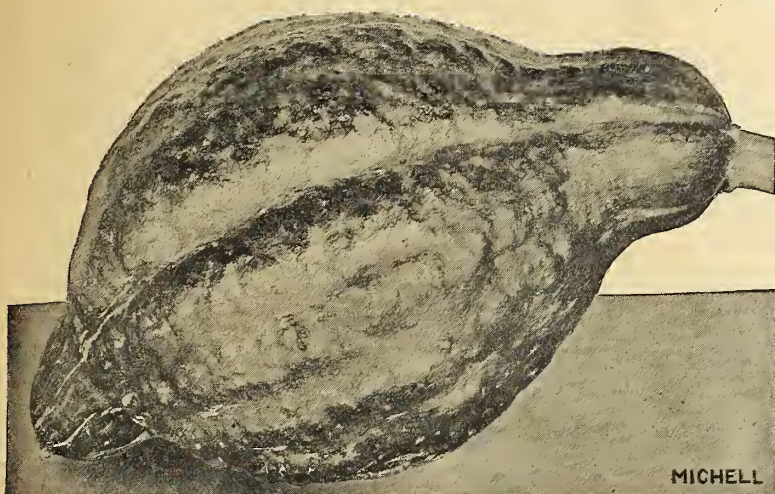
***Celestial or White Chinese.** Large size. Pure white, excellent keeper. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 50c.

***Half Long Black.** A great improvement on the old Long Spanish Radish. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 60c.

Long Black Spanish. A favorite among winter sorts. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 50c.

Round Black Spanish. Like the above, except in form. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 50c.

China Rose. Bright rose color; flesh firm. One of the best for winter use. Half long in shape with scarlet blunt tip. Fine variety for market gardeners. 7c. oz., $\frac{1}{4}$ lb. 20c., 60c. lb.



Golden Hubbard Squash

SPINACH

Bloomsdale Round-Seeded Savoy (*Improved Strain*). The hardest Savoy leaved variety; curled and crimped, thick, fleshy leaves; the best for early spring and fall sowing.

Long Season. A cross between the old reliable Bloomsdale and the Victoria. It produces tremendously large plants and leaves which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled, and are tender. Color, a beautiful dark green.

New Zealand. This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright, one sowing can be picked from the entire summer, a very distinct variety. This variety is not used much by market gardeners, but if once introduced by them would find a ready sale; it insures a supply of spinach all season regardless of heat. Oz., 5c.; 15c. per ¼ lb.; lb., 60c.

SPECIAL NOTE REGARDS SPINACH PRICES

The district in Europe from whence most spinach seed is received has again forbidden its export except in limited quantity. We have, therefore, rather than publish a false value, omitted the price, but will fill orders so long as the stock on hand (and received) lasts at lowest market rates.

SWISS CHARD

To our knowledge market gardeners as a rule do not grow this for market, and yet we find that among our general customers there is a great demand for it. It can be cut all summer, as it does not go to seed.

	Oz.	¼ lb.	Lb.	5 lbs.
Giant Lucullus	\$0.10	\$0.30	\$1.00	\$4.50
PENNYROYAL PLANTS	\$1.00 doz.; 100,	\$6.00.		
PENNYROYAL SEED	75c. oz.; \$2.50	¼ lb.		
ROSEMARY PLANTS	\$1.50 doz.; 100,	\$10.00.		
	Oz.	¼ lb.	Lb.	
ROSEMARY SEED	\$0.25	\$0.90	\$3.25	
SAFFRON .....	.10	.25	.90	
SAGE .....	.10	.30	1.00	
SAGE PLANTS	\$1.00 doz.; 100,	\$6.00.		
	Oz.	¼ lb.	Lb.	
SAVORY (Summer)	\$0.15	\$0.50	\$1.75	
SAVORY (Winter) .....	.30	1.00		
SAVORY (Winter) PLANTS	\$2.00 doz.; 100,	\$12.00.		
	Oz.	¼ lb.	Lb.	
SWEET BASIL	\$0.12	\$0.40	\$1.50	
SWEET MARJORAM				
(American) .....	.30	1.10	4.00	
SWEET MARJORAM				
(Imported) .....	.10	.35	1.25	
THYME (Broad Leaved) .....	.25	.85	3.00	
THYME PLANTS	\$1.00 doz.; 100,	\$6.00.		
TOBACCO SEED.	Leading sorts, 7c. per pkt.			
TARRAGON PLANTS	\$1.75 doz.; per 100,	\$12.50.		

Prices on this page for lb. lots and less include postage charges.

**SQUASH
SUMMER VARIETIES**

Golden Custard. A flat scalloped type, like the White Bush; the skin is of a light yellow color, which is very thin, leaving plenty of meat in the centre; a bush or compact growing kind. Oz., 7c.; 20c. ¼ lb.; lb., 60c.

***Mammoth White Bush.** Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. Comes in market earlier than any other. Oz., 7c.; 25c. ¼ lb.; lb., 75c.

Yellow Summer Crook Neck. Shaped like a club with a bent neck. The skin is very rough and warted, of an orange yellow color. Much preferred by the cook on account of its very dry meat when boiled. This is a running variety. Oz., 7c.; 20c. ¼ lb.; lb., 65c.

FALL AND WINTER VARIETIES (Running Sorts)

***Delicious.** Well named, as it has the finest flavor of any squash, of oblong shape with a deep green skin and thin rind, with a seed cavity so small that it almost meets in the centre. One of the best winter keepers; grown extensively for market; when matured it weighs from 5 to 10 lbs. and is in its prime during the early winter. Oz., 7c.; 25c. ¼ lb.; lb., 85c.

***Golden Hubbard.** Used extensively for pie, and served as a vegetable; it is very dry and delicious. The outside is a deep orange red, while the flesh is very tender. An ideal winter market squash. Oz., 10c.; 30c. ¼ lb.; lb., \$1.00.

Boston Marrow. Shaped similar to Hubbard, golden orange; fine for canning for winter use; cooked as a vegetable or in pie. Oz., 7c.; 20c. ¼ lb.; lb., 60c.

Vegetable Marrow. A long greenish white variety; fine for cooking; very sweet and tender. This is the favorite squash with the English people. Market gardeners will find a ready demand for this sort. Oz., 7c.; 20c. ¼ lb.; lb., 70c.



Long Season Spinach

Michell's Choice Tomato Seed

*Varieties best for market gardeners. Prices on this page include postage charges

LATER AND GENERAL CROP VARIETIES

Michell's Improved Globe. One of the largest and heaviest tomatoes on our list, the shape is rather oblong so that for slicing it cuts more from a fruit than any other variety; absolutely smooth, never cracks and colors right to the stem. Pkt., 7c.; 15c. per ½ oz.; oz., 30c.; \$1.00 per ¼ lb.; lb., \$3.75.

***Livingston's Globe.** Especially adapted to slicing; very solid; color a handsome red, and a great producer; one of the best general crop varieties. 10c. ½ oz.; oz., 20c.; 60c. ¼ lb.; lb., \$2.25.

***Stone (Michell's Private Stock).** A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. One of the best tomatoes on the market. 15c. ½ oz.; oz., 25c.; 75c. ¼ lb.; lb., \$2.50.

Stone (Usual Strain). 10c. ½ oz.; oz., 20c.; 60c. ¼ lb.; lb., \$2.00.

Greater Baltimore. An excellent variety for canning or market use, very large and solid, of rich red color, uniform in size. 7c. pkt.; ½ oz., 15c.; 25c. oz.; ¼ lb., 75c.; \$2.50 lb.

Dwarf Giant. A dwarf type of true Ponderosa, very meaty and of gigantic size, rich purple crimson, fine shipper. Pkt., 7c.; 15c. ½ oz.; oz., 25c.; 85c. per ¼ lb.; lb., \$3.00.

***Red Rock.** One of the most solid varieties, medium size and of a brilliant red color, a fine one for the market garden; medium early. 7c. pkt.; 15c. ½ oz.; oz., 25c.; 60c. ¼ lb.; lb., \$2.25.

***Ponderosa.** The largest tomato in existence; a beautiful red color; heavy producer, and of even form. 7c. pkt.; ½ oz., 15c.; oz., 25c.; 90c. ¼ lb.; lb., \$3.50.

Dwarf Champion. A distinct type, the plant looks like a miniature tree; very dwarf and compact; color of fruit bright red and very solid. 10c. ½ oz.; oz., 20c.; 60c. ¼ lb.; lb., \$2.25.

***Dwarf Stone.** A compact growing plant, yielding a large crop of medium-sized solid tomatoes. Color, bright red. The plant is very distinct. 10c. ½ oz.; oz., 20c.; 65c. ¼ lb.; lb., \$2.50.

Golden Queen. Large yellow. 10c. ½ oz.; oz., 20c.; 70c. ¼ lb.; lb., \$2.25.

Matchless. Large red fruit, general crop. 10c. ½ oz.; oz., 20c.; 50c. ¼ lb.; lb., \$1.75.

SMALL FRUITED VARIETIES

Highly desirable for preserving, almost free from acid.

	½ Oz.	Oz.	¼ Lb.	Lb.
Red Cherry	\$0.10	\$0.20	\$0.60	\$2.25
Yellow Pear or Plum.....	.10	.20	.60	2.25
Strawberry or Husk.....	.10	.20	.60	2.25
Red Peach of peach form and color..	.10	.20	.60	2.25

TOMATO PLANTS (Ready in April)

	Doz.	100	1000
Hotbed Grown. Leading sorts.....	\$0.20	\$1.00	\$7.50
Pot-Grown Crackerjack .....	.60	4.50	
Pot-Grown. Extra strong stock; leading sorts	.50	4.00	35.00

Testimonial COTUIT, MASS.

Your seeds have proved more than satisfactory, in fact much better than some others I have had. The Tomato *Crackerjack* cannot be beat, and you cannot say too much for same. It is just what I've been looking for, and last season it was highly satisfactory to me.

EVERETT L. HOXIE.



Michell's Private Stock Stone Tomato

EARLY VARIETIES

***Michell's Crackerjack.** Its "distinctive" qualities are so numerous that space will not permit us to describe all. Here are some:

Two weeks earlier than any other sort tried in our gardens. A continuous early bearer, producing fruits right up till frost time. The most abundant tomato we know, absolutely smooth fruit; never cracks, except when overripe. All fruit is of even size, and every fruit can be used. Grows in clusters from 5 to 10 perfect tomatoes, of a brilliant rich scarlet. The firm flesh makes it an ideal shipper. We've recommended this variety for a number of years now, because each season it meets with greater favor wherever tried. Include it in your list this year. 7c. pkt.; ½ oz., 15c.; 30c. oz.; ¼ lb., \$1.00; \$3.75 lb.

***Earliana (Spark's).** The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and most desirable. 10c. per ½ oz.; oz., 20c.; 60c. ¼ lb.; lb., \$2.25.

***Bonny Best.** One of the best and most prolific of early tomatoes. The size is not so large but it is very solid and evenly formed. Color a beautiful bright red. Pkt., 7c.; 13c. ½ oz.; oz., 20c.; 60c. per ¼ lb.; lb., \$2.25.

***Early Jewel (Chalk's).** A favorite variety with the market gardener. Color, a bright red; solid and a good shipper. Pkt., 7c.; 13c. per ½ oz.; oz., 20c.; 65c. per ¼ lb.; lb., \$2.00.

***Beauty.** One of the largest bright red tomatoes, solid and meaty, quite early. Oz., 15c.; 50c. per ¼ lb.; lb., \$1.75.

FORCING VARIETIES

For growing under glass or outdoors.

Stirling Castle. A splendid medium size variety. ½ oz., 15c.; 30c. oz.; ¼ lb., \$1.00.

Comet. A cluster averages six tomatoes of medium size of the brightest red, ripening up to the stem. Continues in bearing long while. 7c. pkt.; ½ oz., 15c.; 25c. oz.; ¼ lb., 85c.; \$3.00 lb.

Fillbasket (Balch's). A good forcer, medium size fruits. Our seed is grown from the original stock procured in Scotland. ½ oz., 20c.; 40c. oz.; ¼ lb., \$1.25.

Sutton's Best of All. The fruit is medium sized, and of an intense red color, containing but few seeds, it is produced in clusters. Pkt., 7c.; 20c. ½ oz.; oz., 35c.; \$1.25 per ¼ lb.

Sutton's Eclipse. A very smooth fruit, borne singly on plants which produce little foliage, a good point in a forcing tomato, vermilion red color. Orig. pkts., 45c.

*Varieties for Market Gardeners. Prices for lb. lots or less include postage charges



Private Strain Improved Purple Top White Globe Turnip

VEGETABLE PLANTS AND ROOTS, ETC.

		2 YEAR OLD		3 YEAR OLD	
		100	1000	100	1000
Artichoke Roots.	10c. qt.; peck, 65c.; \$2.50 per bushel.				
"	Plants.	Doz., \$1.00; \$7.00 per 100.			
Asparagus Roots.	Palmetto or Eclipse.	\$0.60	\$4.75	\$1.25	\$9.00
"	" Barr's Mam.	.60	4.75	1.25	9.00
"	" Conover's Colossal.	.60	4.75	1.25	9.00
"	" Giant d'Argenteuil.	.60	4.75	1.25	9.00
		Per 100		Per 1000	
Brussels Sprouts			\$0.40		\$3.00
Cabbage Plants.	Early sorts from hotbeds.		.50		4.00
"	Early sorts from cold frames.		.65		5.50
"	Late sorts (ready in July).		.35		3.00
		Doz.	100	1000	
Cauliflower Plants.	Hotbed grown.	\$0.20	\$1.00	\$7.50	
"	Pot grown	.50	4.00	35.00	
Celery Plants.	Leading sorts.		.40		3.50
Chicory (Witloof). Roots		.60	4.00		
Chives		.85	6.00		
Egg Plants.	Hotbed grown.		2.25	20.00	
"	Pot grown	.50	4.00	35.00	
Hop Vines.	Pot grown.	1.20	9.00		
Horse Radish Roots, Maliner Kren.			.75	6.00	
"	Common		.50	4.00	
Lavender Plants		1.50	10.00		
Lettuce Plants.	Heading sort.		.40		3.50
Mint Plants.	Spearmint and Peppermint.	1.00	6.00		
Parsley Plants.	Pot grown.	.50	4.00	35.00	
Pennyroyal Plants		1.00	6.00		
Pepper Plants.	Hotbed grown.	.20	1.25	9.00	
"	Pot grown	.50	4.00	35.00	
Rhubarb Roots.	First size.	.60	4.00	35.00	
"	Forcing size	1.50	10.00	90.00	
Rosemary Plants		1.50	10.00		
Sage Plants.	Pot grown.	1.00	6.00		
Savory (Winter) Plants		2.00	12.00		
Sweet Potato Plants			.40		3.00
Tansy Plants		1.00	6.00		
Tarragon Plants.	Pot grown.	1.75	12.50		
Thyme Plants		1.00	6.00		
Tomato Plants.	Hotbed grown.	.20	1.00	7.50	
"	Pot grown	.50	4.00	35.00	

TURNIP

Aberdeen. A flat yellow variety, a good winter keeper. Oz., 5c.; 15c. ¼ lb.; lb., 40c.

Cow Horn. A long white variety used for soiling and stock feeding. Oz., 7c.; 15c. ¼ lb.; lb., 40c.

Early Purple Top Munich. A flat variety, very early, white flesh. Oz., 7c.; 15c. ¼ lb.; lb., 45c.

Early White Flat Dutch. A good variety for early spring sowing, matures quickly. Oz., 5c.; 15c. ¼ lb.; lb., 40c.

***Early Purple Top Flat.** The most popular variety in cultivation, a large yielder, well flavored. Oz., 5c.; 15c. ¼ lb.; lb., 40c.

***Purple Top White Globe.** A large perfect shaped sort, the skin is purple at top and white at bottom, very sweet. Oz., 7c.; 15c. ¼ lb.; lb., 45c.; 5 lbs., \$2.00.

***Purple Top White Globe (Private Stock).** This is a careful selection of the above variety, especially adapted for market gardens. Oz., 10c.; 20c. ¼ lb.; lb., 70c.; 5 lbs., \$3.00.

Robertson's Golden Ball. A globular-shaped sort, with deep yellow flesh. Oz., 5c.; 15c. ¼ lb.; lb., 40c.

Snowball. A pure white globe variety, very early. Oz., 7c.; 15c. ¼ lb.; lb., 40c.

White Egg. A small egg-shaped variety, good for early sowing. Oz., 5c.; 15c. ¼ lb.; lb., 45c.

White Milan. A handsome flat sort, grand for very early use, sweet and tender. Oz., 7c.; 20c. ¼ lb.; lb., 60c.

***Yellow Globe or Amber.** Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. Oz., 5c.; 15c. ¼ lb.; lb., 40c.

RUTA BAGA

***Private Stock Purple Top Yellow.** This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. Oz., 10c.; 20c. ¼ lb.; lb., 75c.; 5 lbs., \$3.25.

Improved Purple Top Yellow. This variety is the same color as the above, except the shape is more oblong. It is very desirable for table use and stock feeding. Oz., 5c.; 15c. ¼ lb.; lb., 40c.; 5 lbs., \$1.75.

WORMWOOD

A medicinal herb of great value. Perfectly hardy with slight protection. 15c. oz.; ¼ lb., 50c.

SEEDS of HERBS and FLAVORING PLANTS

Market gardeners and those who have a home trade will find a ready sale for herbs of different sorts.

	Pkt.	Oz.	¼ lb.	Lb.
Anise		\$0.07	\$0.25	\$0.90
Balm	\$0.07	.25		
Borage		.08	.30	
Caraway		.07	.20	.60
Catnip	.07	.30		
Chives	.10			
Coriander		.07	.25	.60
Dill		.05	.15	.50
Fennel		.07	.25	.75
Horehound	.07	.20	.60	1.75
Hop. Green leaved	.08			
Lavender	.07	.20	.60	2.25
Mint	.20			
Pennyroyal	.20	.75	2.50	
Rosemary	.07	.25	.90	3.25
Saffron		.10	.25	.90
Sage		.10	.30	1.00
Savory (Summer)		.15	.50	1.75
Sorrel. French Broad-leaved		.12	.35	1.25
Sweet Basil		.12	.40	1.50
Sweet Marjoram. American	.07	.30	1.10	4.00
" Imported		.10	.35	1.25
Thyme	.07	.25	.85	
Winter Savory	.10	.30	1.00	
Wormwood		.15	.50	

HAMLET, N. C.

Your garden seeds are all coming up splendid—the finest I have ever had, and the seed potatoes were great.

Yours very truly,

MRS. O. L. CLOUD.

Vegetable plants are shipped best by express

(h1)

APRIL and MAY
are ideal months for
SOWING GRASS SEEDS



Grounds of the new Masonic Home, Elizabethtown, Pa. (showing Grand Lodge Hall), sown exclusively with Michell's Grass Seeds

Michell's Recleaned Grass Seeds

Separate Varieties for sowing alone or using in mixtures of your own formula.

SPECIAL MENTION! PLEASE READ!

Our grass seeds are submitted to the best analytical experts for tests of purity and germination; they must come up to a high standard of both. Buyers in this line can rely with absolute confidence on us for the best that can be had. Grass seeds in the varieties that make putting greens and fairways on golf courses are scarce this season, in fact almost unobtainable, due to the export embargo placed thereon by the European governments, since the last harvest. In most sorts we have a splendid stock, procured through a far sighted timely purchase; however, on account of the short supply, early ordering is advised. On many sorts we have been unable to quote prices here, but will do so cheerfully based on the actual value and supply at command.

Quoted Prices Subject to Market Changes

We handle the best re-cleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; **we make no charge for mixing.**

Lbs. Per bush.	Lb.	Bush.	100 lbs
35 Bermuda Grass	\$0.50		
14 Blue Grass (Kentucky). Extra Fancy 3 to 5 bu. per acre (65c. per peck).....	.20	\$2.50	\$15.00
14 Blue Grass (Canadian). 3 to 5 bu. per acre ..	.15	2.00	12.00
20 Creeping Bent. 4 bu. per acre. Price on application.			
21 Crested Dogstail. 3½ to 4 bu. per acre..	.35	6.00	30.00
24 English Rye (Pacey's Fancy Short Seeded), fine for lawns. 3 bu. per acre ..	.14	2.75	10.00
14 Fine Leaved Fescue. Price on application.			
10 Herd or Red Top. Unhulled. 4 to 5 bu. per acre .....	.11	.95	9.00
12 Hard Fescue. 30 lbs. per acre. Price on application.			

Lbs per bush.	Lb.	Bush.	100 lbs.
18 Italian Rye. 50 lbs. per acre.....	\$0.14	\$2.00	\$10.00
22 Meadow Fescue. English Blue Grass...	.18	2.75	11.00
12 Orchard. 40 lbs. per acre.....	.25	2.75	21.00
14 Red or Creeping Fescue. Price on application.			
32 Red Top.. Recleaned.....	.18	5.00	15.00
14 Rhode Island Bent. 40 lbs. per acre. Price on application.			
12 Sheep's Fescue. 40 lbs. per acre. Price on application.			
Sudan Grass .....	.15		
Sweet Vernal (Perennial). 3 lbs. per acre with other grass. Price on application.			
Sweet Vernal (Annual). 3 lbs. per acre with other grass. Price on application.			
10 Tall Meadow Oat (French Rye Grass)..	.30	2.75	22.50
45 Timothy Seed. ½ bu. per acre alone....	.12		
14 Wood Meadow. 30 lbs. per acre. Price on application.			

Prices of and list of Grass Seed Mixtures will be found back of the color plate opposite.

MICHELL'S RECLEANED WHITE DUTCH LAWN CLOVER

Our stock of this is very fine, clean and harvested under ideal conditions; it is valuable for thickening the sod in existing lawns and for promoting grass growth on new ones. Oz., 7c.; 15c. ¼ lb.; lb., 50c.; \$2.40 for 5 lbs.; 10 lbs., \$4.70; \$42.50 per 100 lbs. Price on White Clover subject to change.

Prices on Separate Varieties Grass Seeds (where quoted) subject to market changes.

Michell's Wholesale Price-List, 518 Market Street, Philadelphia, Pa.

(ht)

MICHELL'S GRASS SEEDS

FOR ALL PURPOSES

MICHELL'S
PERMANENT PASTURE
GRASS SEED

70¢ PER PECK \$2.50 PER BUSHEL (15 LBS.)

MICHELL'S EVERGREEN
LAWN SEED

85¢ PER PECK
\$3.25 PER BUSHEL (20 LBS.)

MICHELL'S SPECIAL FORMULAS
AND SEPARATE VARIETIES OF
GRASSES FOR GOLF COURSES
AND PUTTING GREENS

HENRY F. MICHELL CO.
GRASS SEED SPECIALISTS
518 MARKET ST. PHILA.

Michell's Recleaned Grass Seeds

The House of Michell has long been considered headquarters in Philadelphia for grass seeds of all kinds, obtaining its supplies in the most desirable parts of the world for their best development by contracting direct with growers. Our Lawn Grass Mixtures are combinations best adapted for the different purposes for which they are recommended. We continually receive from our customers the most enthusiastic reports of their experience with our grass seeds.

NOTE—If mixed Grass Seed is wanted by parcel post, please allow for postage. 1 pt. weighs $\frac{1}{2}$ lb., 1 qt. weighs 1 lb., 2 qts. weigh 2 lbs., 4 qts. weigh 4 lbs.

MIXTURES FOR LAWNS

Michell's Clover Lawn Grass Seed Mixture. For sandy soils lacking humus, for seashore lawns and where clover is desired this mixture makes a splendid sod in the shortest time; it stays dwarfer than most other grass seed mixtures, by reason of the large percentage of white clover in it. Prices: Per pint, 25c.; 45c. qt.; 2 qts. 80c.; 4 qts., \$1.50; \$2.75 per peck (7 $\frac{1}{2}$ lbs.); per bushel (30 lbs.), \$10.50.

Michell's Top Notch. 25 lbs. per bushel. The finest Lawn Mixture in existence. It is not put up or sold in less quantity than one peck. Prices: \$1.75 per peck; per $\frac{1}{2}$ bushel, \$3.25; \$6.25 per bushel of 25 lbs.; 2 bushels, \$12.00; \$28.75 per 5 bushels; 100-lb. lots and over, 23c. lb.

Michell's Green Velvet. 20 lbs. per bushel. Produces a perfect lawn in 4 to 5 weeks' time. Sow 4 bushels per acre. Prices: Qt., 25c.; 70c. for 4 qts.; peck (5 lbs.), \$1.00; bushel (20 lbs.), \$4.00; 100 lb. lots and over, 19c. lb.

Michell's Evergreen. 20 lbs. per bushel. The standard Lawn Mixture in the United States. Sow 4 bushels per acre. Prices: Qt., 20c.; 50c. for 4 qts.; peck (5 lbs.), 85c.; \$3.25 per bushel (20 lbs.); 100 lb. lots and over, 15 $\frac{1}{4}$ c. lb.

Michell's Shaded Lawn Grass. Will produce a perfect sward in the most densely shaded place. Prices: Qt., 20c.; 60c. for 4 qts.; peck (5 lbs.), \$1.00; \$4.00 per bushel (20 lbs.); 100 lb. lots and over, 19c. lb.

Fairmount Park Lawn Seed. Sow 4 bushels to the acre. Prices: Qt., 10c.; 35c. for 4 qts.; peck (3 $\frac{3}{4}$ lbs.), 60c.; \$2.25 per bushel (15 lbs.); 100 lb. lots and over, 13 $\frac{1}{2}$ c. lb.

Michell's Seashore Formula Grass Seed. Contains such grasses as thrive in salt air regions. 4 bushels per acre. Prices: Per qt., 20c.; 60c. for 4 qts.; peck (5 lbs.), \$1.00; \$4.00 per bushel (20 lbs.); 100 lb. lots and over, 19c. lb.

Michell's Terrace or Embankment Grass Seed. Sow 4 bushels per acre. Prices: Per qt., 20c.; 60c. for 4 qts.; peck (5 lbs.), \$1.00; \$4.00 per bushel (20 lbs.); 100 lb. lots and over, 19c. lb.

Southern States Lawn Grass Seed. Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 12c. qt.; 4 qts., 40c.; 70c. peck (3 $\frac{3}{4}$ lbs.); bushel (15 lbs.), \$3.00; 100 lb. lots and over, 18c. lb.

Special Sod Grass Seed. Producing a heavy sod in a short time. 15 lbs. per bushel. Prices: 20c. qt.; 4 qts., 60c.; 85c. per peck (3 $\frac{3}{4}$ lbs.); bushel (15 lbs.), \$3.00; 100 lb. lots and over, 18c. lb.

Woodland's Grass Mixture. A mixture of hardy grasses that gives splendid satisfaction in thickly wooded locations (Norway Maples and Pine Trees excepted). \$1.00 per peck (5 lbs.); per bushel of 20 lbs., \$4.00; \$19.50 for 5 bushels; 100 lbs. and over, at 19 $\frac{1}{2}$ c. lb.

MIXTURES FOR PLEASURE GROUNDS

Michell's Fair Greens (Golf Course) Mixture

Composed of short-growing, deep-rooted varieties, resists plenty of wear. It retains its color well during the severest droughts. Golf courses to retain their permanency should receive additional sowings during the season. Sow 6 bushels per acre.

Prices: Qt., 20c.; 4 qts., 60c.; 1 peck, \$1.00; 1 bushel (20 lbs.), \$3.75; 100 lb. lots and over, 18c. lb.

Michell's Putting Greens Mixture

While many greens keepers prefer to make their own mixtures for this purpose, there are some who rely on the ability and

MIXTURES FOR PLEASURE GROUNDS—Continued

Michell's Putting Greens Mixture—Continued

experience of the seedsman. Our formula for this has been reached after many extensive tests. It is a quick-growing mixture of short-growing fine-bladed grasses, over which the ball can roll without resistance. In sowing Putting Greens it is wise economy to be very liberal with the seed, as these places are subjected to hard use. We do not recommend less than 1 bushel of 25 lbs. (and more is better) to a green 75 feet square.

Prices: 1 qt., 25c.; 4 qts., 90c.; 1 peck, \$1.75; 1 bushel (25 lbs.), \$7.00; 100 lb. lots and over, 27 $\frac{1}{2}$ c. lb.

Teeing Grounds Mixture. 20 lbs. per bushel. Used on golf course tees or in places where a tough resisting turf is wanted. 20c. qt.; 4 qts., 50c.; 85c. per peck (5 lbs.); bushel (20 lbs.), \$3.25; 100 lb. lots and over, 15 $\frac{1}{4}$ c. lb.

Tennis Court Grass Seed. Grass courts are becoming very popular again and we are pleased to recommend our formula to any one wanting seed that will produce a first-class tennis court. Qt., 20c.; 4 qts., 60c.; 85c. per pk.; 1 bushel (20 lbs.), \$3.25; 6 bushels, \$21.25; 100 lb. lots and over, 16c. lb.

MISCELLANEOUS MIXTURES

Michell's Permanent Pasture Grass Seed. In the past few years ideas of what was the best way to establish a permanent grazing sod have undergone many changes. The old prevalent method of sowing timothy and clover has been found not only costly but too short lived to answer the purpose. The old custom has given way to the new, which is the sowing of a mixture of permanent grasses. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowings each year, just previous to which a light harrowing is recommended to give the grass seed a quick hold. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established pastures (15 lbs. per bushel). Prices: Per qt., 15c.; 45c. for 4 qts.; peck (3 $\frac{3}{4}$ lbs.), 70c.; \$2.50 per bushel (15 lbs.); 100 lb. lots and over, 15c. lb.

Michell's Permanent Hayfield Grass Seed. While timothy is still extensively sown for this purpose, our mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in the mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Our formula is the outcome of thorough trials in every kind of soil. Sow 3 to 4 bushels per acre on new lands, or 2 bushels on established fields. Prices: 15c. per qt.; 4 qts., 45c.; peck (3 $\frac{3}{4}$ lbs.), 70c.; \$2.50 per bushel (15 lbs.); 100 lb. lots and over, 15c. lb.

Michell's Poultry Yard Grass Seed. Chickens love grass and should be placed where they can get it as much as possible. Our formula germinates very quickly and makes a sod that grows luxuriantly. We put plenty of clover seed in this mixture, as it is very nutritious and the fowls relish it. 15c. per qt.; 40c. for 4 qts.; per peck, 60c.; \$2.25 per bushel (15 lbs.); 100 lb. lots and over, 14c. lb.

White Clover. Choicest recleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bushel). $\frac{1}{4}$ lb., 15c.; 55c. lb.; 5 lbs., \$2.65; \$5.00 per 10 lbs.; \$48.00 per 100 lbs. Price on white clover is subject to change.

SPECIAL FERTILIZERS FOR LAWNS AND GRASS LANDS

WIZARD BRAND PULVERIZED SHEEP MANURE

WIZARD BRAND PULVERIZED COW MANURE

WIZARD BRAND SHREDDED COW MANURE

HUMUS

HARDWOOD UNLEACHED CANADIAN WOOD ASHES

MICHELL'S DOMESTIC ASHES (Hardwood)

PURE BONE MEAL

ALPHANO (Prepared and Natural)



A view on the course of the Merion Cricket Club, Haverford, Pa. Michell's Grass Seeds sown extensively

Grass Seed is easily the most important item on a fairway or putting green, and our house realizing this, for a number of years has made a specialty of catering to the grass seed wants of particular clubs. Our connections with the best grass seed producers in America and Europe place us in a position of advantage for our supplies, chiefly because of the great volume of grass seeds we contract for. Some people have an idea that price is the only factor to consider in grass seed buying; while this has its place, it should be an afterthought. "Quality is paramount." We are always pleased to submit samples with prices for comparison, and let you be the judge. "Our prices and quality are right." Send for our Special Book on Grass Seeds and Golf Grounds Supplies—Free.

Michell's Fairways Grass Seed. (20 lbs. per bushel) \$3.50 per bushel. Special price in large quantities.

Michell's Special Putting Greens Grass Seed. (25 lbs. per bushel) \$7.00 per bushel. Special price in large quantities.

MICHELL'S RECLEANED CLOVERS (60 Lbs. per Bushel)

ALFALFA

It is sown during May, August and September, although it can be sown at other times with a possible chance of doing well. Careful preparation of the soil previous to sowing is the main thing. Our special Circular on Alfalfa goes into this carefully and is free for the asking. Sow not less than $\frac{1}{2}$ bushel (30 lbs.) per acre. *Our seed is always over 90% pure, and will invariably give the best of results.* Price per lb., 25c. *Be sure to inoculate your Alfalfa with Farmogerm.* Ask for descriptive circular on same.

Alsike or Swedish Clover. One of the best for mixing with timothy. Perfectly hardy. Sow 10 to 15 lbs. per acre alone or 8 lbs with timothy. 25c. per lb.

Bokhara or Sweet Clover (*Melilotus Alba*). Extensively used as a bee food and for soiling (green manure). It grows from 3 to 5 feet high. Sow 15 lbs. per acre, if alone, or 10 lbs. per acre with other crops. 35c. lb.

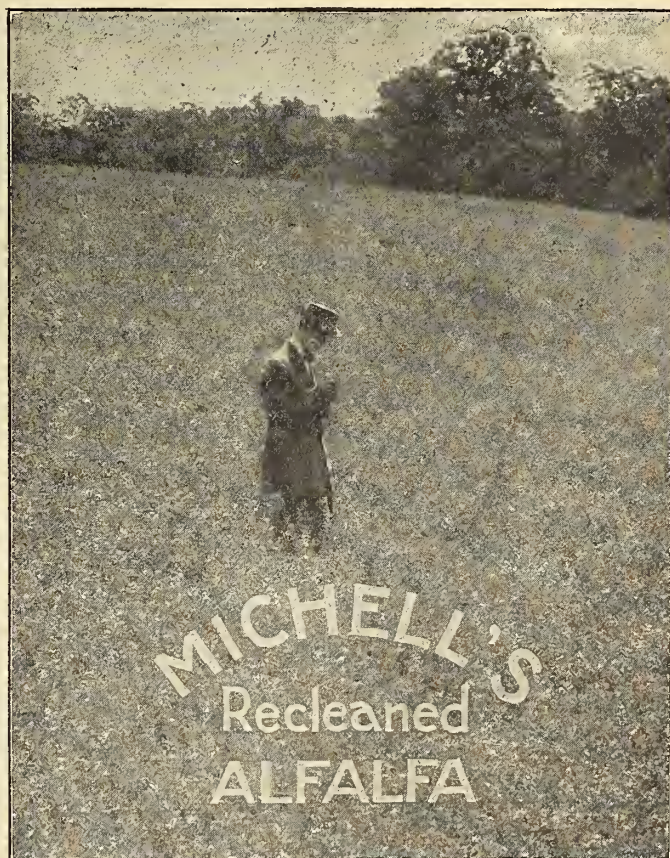
Crimson Clover (*Trifolium Incarnatum*). Delaware-grown seed. Used principally for soiling or green manuring, for which purposes it is highly valuable. Sow any time from April to October, at the rate of 20 lbs. to the acre. If desired for feed, cut it just before it flowers; not hardy for more than one season, and must be sown each year. 15c. per lb.

Red Clover (*Medium*). The standard Hay-crop. Sow 20 lbs. per acre, if alone, or 15 lbs. with other crops. 25c. per lb.

Mammoth Red Clover (*Pea Vine Clover*). Similar to above but grows somewhat larger and remains established longer. 15 lbs. per acre, if sown alone, or 10 lbs. with other crops. 25c. per lb.

White Dutch or Lawn Clover. Principally used for lawn and pasture mixtures. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.; 5 lbs., \$2.40; \$4.70 for 10 lbs.; 100 lbs., \$42.50. Price on White Clover is also subject to change.

Prices on larger quantities of Clovers than noted here will be quoted on application.



Price of Clover Seeds change constantly and will be quoted on request

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Michell's High Grade Farm Seeds

PRICES SUBJECT TO MARKET CHANGES

ALFALFA. Choice re-cleaned seed, sow not less than ½ bu. per acre in May, August or September. 25c. lb. Write for price on larger quantities, as it changes constantly.

BUCKWHEAT, Japanese. Sow from June 1st to July 15th, 1 bushel per acre, splendid for poultry food. Qt., 15c.; 50c. per peck. Price for larger quantity on application. 48 lbs. per bushel

BUCKWHEAT, Silver Hull. Fine for poor ground. Qt., 15c.; 50c. per peck. Price for larger quantity on application. 48 lbs. per bushel.

BARLEY, Beardless Spring. For either hay or grain. Sow broadcast, either 1½ to 2 bushels per acre, from May 15th to July. Price will be quoted on application.

BEANS, SOJA OR SOY. Drill ¾ bushel per acre during May. *Hollybrook (Early).* *Ito San (Early).* *Wilson (Early).*

Mammoth Yellow (Late). Soja Bean prices on application.

BROOM CORN, Evergreen. The tops are made into brooms. Sow in May ten pounds per acre in drills. Price on application.

CLOVERS. See page 57.

COTTON SEED. Attractive and ornamental as a garden plant; grown in the South for a crop. Lb., 20c.; 75c. for 5 lbs.

FLAX. A very useful farm plant, which can be employed profitably in many directions. Sow a bushel to the acre from May 15th to June 15th. If desired for the fibre, sow 1½ to 2 bu. per acre. Lb., 10c. Price for larger quantity on application.

CANADA FIELD PEAS. Used principally for green food, or hay for stock and for plowing under to add nitrogen to the soil. Alone, sow 3 bushels per acre; with oats, use 1½ bushels of peas and 1½ bushels of oats, broadcast. Price on application.

COW PEAS. A very inexpensive but effective soil regenerator, and indispensable to the farmer. Sow from May 1st to July 1st, 2 bushels per acre, broadcast, or 1 bushel per acre in drills. It can also be used as green food for grazing in the field, or cut and stored as hay. Florists will find this of value to plow under, as it is better than fertilizer for such plants as carnations, etc., to be set out in the field.

Black Eye. For fodder. **Black** for plowing. **Whippoorwill.** Fine for plowing under. **Early Ramshorn.** Good for fodder. **New Era.** For soil regenerating.

Prices vary. Quotations will be made on application.

SEED OATS

Swedish, or Washington. Sow from April till June, 3 bushels to the acre; good for straw or grain. Peck, 40c.; \$1.50 bu. **Canadian Cluster.** An enormous yielder. Peck, 45c.; \$1.50 bu. **Storm King.** One of the best, 5 ft. high. 60c. peck; \$2.00 bu. **Welcome.** A very popular sort. 35c. peck; \$1.20 bu.

NOTE.—Always allow 25c. for each two-bushel seamless bag when ordering farm seeds.

KAFFIR CORN. Sow in June and July, 10 lbs. per acre in drills; grain used for feeding poultry, fodder for stock. 10c. per qt. Larger quantity price on application.

MILLET. A handy emergency crop for all farmers. Can be sown as late as July 15th. Used as green manure or green food for stock.

" *Pearl (Pennisetum spicatum).* Sow 10 lbs. per acre. 12c. lb.; 10 lbs., \$1.10.

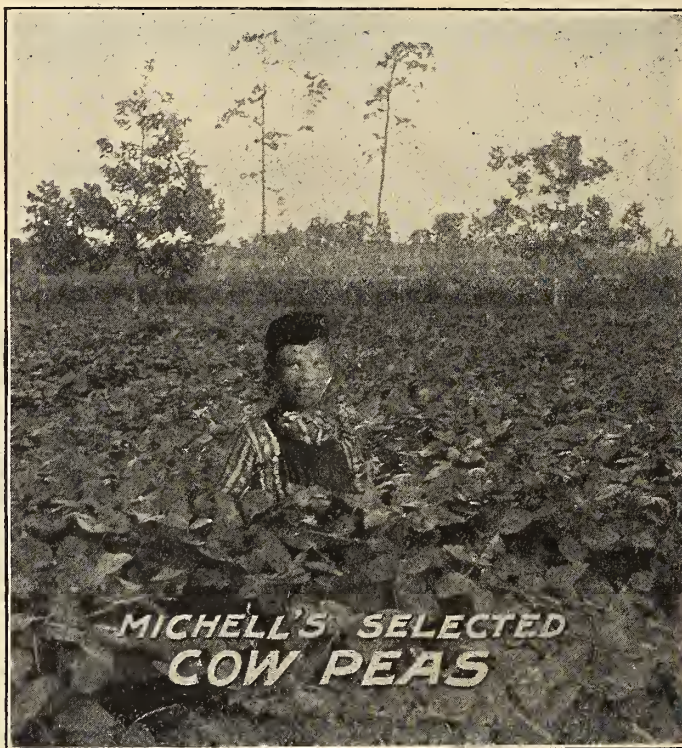
" *Tennessee, German or Golden.* A heavy cropper, must be sown early. Sow 1 bushel, broadcast, to the acre. Price on application.

" *Hungarian.* Of dwarf but very quick growth. Sow 1 bushel per acre. Price for millets on application.

" *Japanese Barnyard.* Enormously productive. Sow 12 lbs. per acre, broadcast. 10c. lb. Larger quantity price on application.

SPRING RYE. Good for both straw and grain; sow 1½ bushels broadcast per acre. Price on application.

WINTER RYE, Thousandfold. A splendid winter crop; sow 1½ bushels per acre as late as November. Price on application



DWARF ESSEX RAPE. A green food for sheep and hogs. Sow 6 lbs. per acre, broadcast or in drills, from April till October. 15c. lb. Larger quantity price on application.

SUGAR CANE or SORGHUM, Early Amber. Ideal cattle food either in green or cured state. Seed is used for poultry feed. Sow 25 lbs. per acre in drills. Price on application.

SUNFLOWER, Mammoth Russian. Splendid food for poultry; sow 10 qts. per acre in drills. Price on application.

SPELTZ or EMMER. Used for feeding hogs and poultry; sow 2 bushels per acre, broadcast, after April 1st. Price on application.

TIMOTHY. See page 56.

TEOSINTE (Reana Luxurians). A forage used extensively on very poor ground. Sow in May and June, 5 to 6 lbs. per acre in drills. 75c. lb.; 5 lbs., \$3.50.

VETCHES, Sand, Hairy or Winter (Vicia Villosa). A fine cover crop for winter and plowing under for green manure; sow 1 bushel per acre with winter rye in August or September. Larger quantity price on application. 60 lbs. per bushel.

VETCHES, Spring (Vicia Sativa). Sow 1 bushel per acre, broadcast, in May or June. Larger quantity price on application. 60 lbs. per bushel.

SPRING WHEAT, Saskatchewan Fife. Used principally where winter wheat has failed or for green food. Sow 1½ to 2 bushels per acre, broadcast, in April or May. Prices on application.

SUDAN GRASS. An annual which must be sown each year, resembles millet in growth, stock relish it. Yields from 2 to 4 tons per acre. Sow 16 to 24 lbs. per acre. 15c. lb.; 10 lbs., \$1.30; 25 lbs., \$3.00; \$10.00 per 100 lbs.

Michell's Alphano Humus (Fertilizer)

For Florists and Market Gardeners



THIS article is prepared from deposits of decayed vegetable matter. It has been successfully used for ten years and has proven to be worthy of extensive use. It is very desirable for greenhouse and flower garden work, also for lawns and vegetables. Humus in some form is the most essential element of plant life. It is rich in Ammonia, Phosphoric Acid, Potash and Lime, and shows an analysis of between 77 and 80 per cent. of Humus.

For pot plants mix about $\frac{1}{3}$ of the Humus with $\frac{2}{3}$ of regular potting.

For lawns and greenhouse benches it is applied as a top dressing from $\frac{1}{2}$ to 1 inch in depth, which should be then worked in.

If grass seed is to be sown, then is the time to apply it. On golf links it is used in a similar way.

For Flower and Vegetable Garden, apply at rate of $\frac{1}{2}$ to 2 inches deep and fork it well in the soil, or apply it in trenches, the same as you would well rotted manure.

Alphano Humus puts new life and vigor in greenhouse plants, whether pot grown or on benches.

Alphano Humus is dry, thoroughly pulverized, odorless and clean to handle and apply, and absolutely free from weed growth.

Alphano Humus is supplied in a prepared and a natural state, the former being preferred on account of its being richer in fertilizing elements (in the form of animal manures which are added) and more quickly available. Alphano Humus is a neutral fertilizer and will not work any harmful effects no matter how great a quantity is used; it is therefore very safe to use.

The following quantities are required to effectively cover an acre, depending upon the liberality with which it is applied. If applied $\frac{1}{2}$ inch in thickness, 30 tons per acre; if 1 inch thick, 60 tons per acre; if 2 inches thick, 120 tons per acre; and for general lawn work, as a top dressing, 100 lbs. will effectively treat about 800 square feet. One ton will effectively treat about one-third acre. Of course, smaller quantities applied are beneficial in proportion to the application.

PRICE OF NATURAL HUMUS

(Smallest quantity sold is 100 lbs.)

	F. O. B. Factory	F. O. B. Phila.
100 lb. bag	\$0.75	\$1.00
500 lbs.	3.00	4.50
1000 lbs.	5.00	7.50
1 ton	8.00	12.00
Carload lots in bags (min. car, 20 tons), ton	7.00	
Carload lots in bulk (min. car, 30 tons), ton	5.00	

PRICE OF ALPHANO PREPARED HUMUS

F. O. B. Factory F. O. B. Phila.

5 lb. bag		\$0.20
25 lb. bag .....		.55
50 lb. bag .....		.80
100 lb. bag	\$0.90	1.10
500 lbs.	4.25	5.00
1000 lbs.	6.50	8.50
1 ton	12.00	15.00
Carload lots in bags (min. car, 20 tons), ton	10.00	
Carload lots in bulk (min. car, 30 tons), ton	8.00	

DOMESTIC WOOD ASHES---Nature's Plant Food

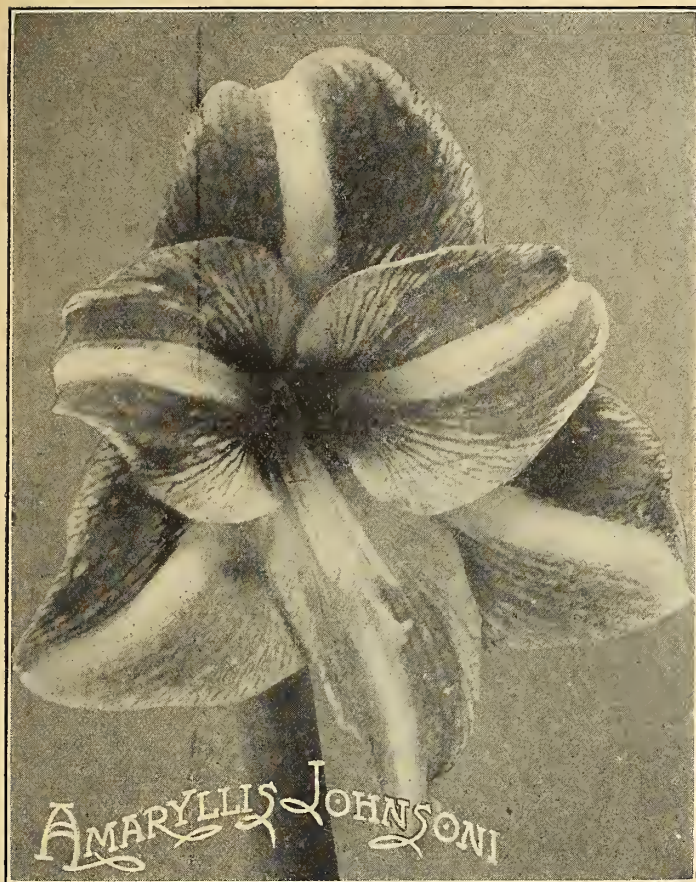
HARD WOOD---UNLEACHED

The present scarcity of Potash makes this a very important article with the florist. While we still handle Canadian Wood Ashes, many florists are demanding something lower in price. Through special arrangement with a large corporation, who burn enormous quantities of hardwood in their business, we are able to offer these unleached ashes at very low price. They are rich in Potash and wood lime, which are very necessary fertilizers. Carnation, Rose and Chrysanthemum growers will find these of wonderful value. It is largely used for mixing with potting soil, or as a top dressing for benches. For Golf Courses, Lawns, Putting Greens, Vegetable Gardens, Pasture or Hay Fields, Wood Ashes will prove a great benefit. Apply at the rate of 1000 lbs. per acre for outdoor use, or at the rate of 50 lbs. per cubic yard of potting soil. Not less than 100 lbs. sold.

PRICES

	100 lbs.	500 lbs.	1000 lbs.	Ton
F. o. b. Philadelphia	\$1.00	\$4.50	\$9.00	\$15.00
F. o. b. Warehouse, near Philadelphia			6.50	12.00

Special rates in carload lots.



Amaryllis Bulbs

	Doz.	100
Belladonna. Pink, 10c. each.....	\$1.00	\$7.00
Hybrids of Vittata. Choice mixture, 35c. each....	3.50	25.00
Johnsoni. Red and white, large bulbs, 25c. each..	2.50	19.00
Formosissima (Jacobean Lily). Red large bulbs..	.75	5.50
Treata Alba (Zephyranthes). (Extra large bulbs.)	.50	4.00
" Rosea " (Extra large bulbs.)	.50	4.00



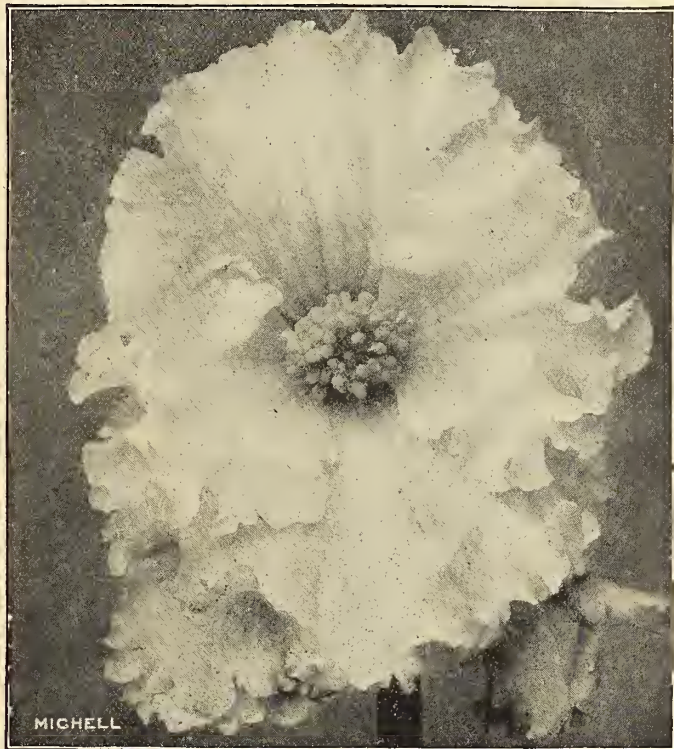
Calla Elliottiana

CALLAS

Elliottiana (Yellow Calla). This beautiful novelty should be extensively planted. The contrast of the golden yellow flowers placed among other blooms and foliage is truly remarkable, making a beautiful sight. The spotted foliage shows the flower off, when using it as a pot plant, to a great effect. In a short time this new variety will be wonderfully popular on account of its beauty and of its low price. 15c. each; doz., \$1.50; \$10.00 per 100; per 1000, \$90.00.

	Doz.	100
Spotted Foliage. White flower.....	\$0.60	\$4.00
Black Callas. (Unobtainable at present.)		

NOTE. We guarantee the safe arrival of all bulbs shipped during the winter months if sent by Express. Freight and Boat Shipments of bulbs are very risky during cold weather and can be forwarded this way at customer's risk only.



Tuberous Rooted Begonia, Frilled or Crispa Type

Begonia Bulbs—(Tuberous Rooted)

Very choicest giant flowering type. Extra large bulbs. The past year we made some extensive trials of strains of tuberous rooted Begonias and are convinced that ours cannot be surpassed.

	Doz.	100	1000
SINGLE			
Orange, Scarlet, Pink, White, Yellow.			
Each color separate.....	\$0.45	\$2.75	\$25.00
Mixed .....	.40	2.50	22.50
DOUBLE			
Crimson, Scarlet, Pink, White, Yellow.			
Each color separate.....	\$0.75	\$4.25	\$37.50
Mixed .....	.60	4.00	33.00

New Frilled Begonia (See Cut Above)

A beautiful crested type, producing very large single flowers. The above cut, which was reproduced from an actual bloom, will convey some idea of its beauty.

	Doz.	100	1000
Orange	\$0.75	\$5.00	\$40.00
Scarlet .....	.75	5.00	40.00
Pink .....	.75	5.00	40.00
White .....	.75	5.00	40.00
Yellow .....	.75	5.00	40.00
Mixed .....	.60	4.00	37.50

Named Tuberous Begonias

	Doz.	100
Lafayette. Brilliant crimson, double.....	\$1.50	\$10.00
Graf Zeppelin. Double; vermilion scarlet.....	1.25	9.00
Bertini. Brilliant vermilion, single	1.25	8.50
Cardinal. Rich cardinal red	1.75	12.50
Phosphorescent. Single brilliant scarlet.....	1.75	12.00

Miscellaneous Tuberous Begonias

	Doz.	100
Double Fringed in Mixture	\$1.50	\$10.00
Single Fringed in separate colors, Orange, Red, White, Rose, Yellow.....	1.50	10.00

6 Bulbs of a size or variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

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Michell's Summer Flowering Bulbs, etc.



Fancy Leaved Caladium

Fancy Leaved Caladium Bulbs

These are grown for us on contract by one of the leading hybridizers of the world. Our list is composed of 10 of the best named sorts, covering a wide range of colors, which are difficult to describe accurately. Wonderful effects can be produced in table or conservatory decorations with these beautifully marked tropical foliage plants. The bulbs should be started in damp moss, somewhat like Begonias, with plenty of bottom heat and an occasional dampening. Do not allow them to get chilled, and at all times grow them in a warm, shaded place.

NAMED SORTS

- Charles Simpson.** Bluish green, spotted red, creamy white ribs.
Coimbra. White, suffused green, red veins and ribs.
Frances M. Laughlin. Transparent rose centre, yellowish zone, green border.
Jacupiranga. Transparent white with green veins.
Jupiter. Red centre, green border, spotted white.
Leopold Robert. Deep red, crimson ribs, green border.
Lord Derby. Rose, green ribs and veins.
Macache. Variable, green, suffused pink, with red ribs.
Prince Albert Edward. Red, suffused pink, narrow green border.
Putomayo. Pink, spotted strawberry red.
Shellpink. Centre shell pink, deep red veins, grayish white border.
Silver Queen. Pure white.

Price of Named Sorts, 20c. each; doz., \$1.75; \$12.00 per 100.



CALADIUM ESCULENTUM (Elephant's Ear)

	Doz.	100	1000
Mammoth Bulbs. 11 to 12 in. circum.....	\$1.60	\$12.00	\$100.00
First Size Bulbs. 9 to 11 in. circum.....	.90	6.00	55.00
Second Size Bulbs. 7 to 9 in. circum.....	.50	3.25	27.50
Third Size Bulbs. 5 to 7 in. circum.....	.30	2.00	15.00

CINNAMON VINE ROOTS (Hardy)

Dark green, dense foliage, with small sweet (cinnamon) scented blossoms; good stock for the florist who has a counter trade. 40c. doz.; per 100, \$3.00.

CYCAS REVOLUTA (Sago Palm)

These interesting as well as ornamental plants may be grown from the dormant (leafless) trunk or stem with great success. Fine strong, dormant stems, ready about March 1st. \$2.50 for 25 lbs.; per 100 lbs., \$9.00 (case lots about 300 lbs., at 8 1/2c. lb).

JAPANESE FERN BALLS (Dormant)

	Each	Doz.	100	1000
Large size, 7 to 9 inches diameter.	\$0.30	\$3.25	\$25.00	\$225.00
Medium size, 5 inches diameter...	.20	2.00	15.00	135.00

GLOXINIAS



A gorgeous plant either for conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January but should not be set outdoors until after May 15th.

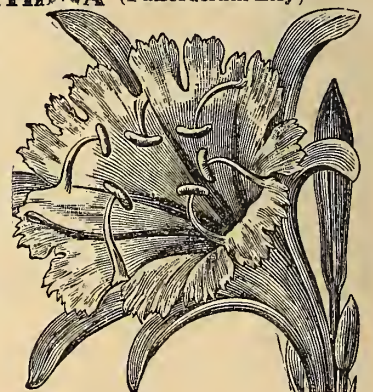
	Doz.	100	1000
Red and Scarlet	\$0.60	\$3.75	\$35.00
Blue .....	.60	3.75	35.00
Scarlet, Bordered White .....	.60	3.75	35.00
Blue, Bordered White .....	.60	3.75	35.00
White, Spotted Scarlet .....	.60	3.75	35.00
White .....	.60	3.75	35.00
Choicest Mixed .....	.60	3.75	35.00
Cattleya. Orchid pink	1.10	8.00	
Defiance. Brilliant scarlet	1.10	8.00	
Emperor William. Ultramarine blue	1.10	8.00	
Graf Zeppelin. Carmine, fringed	1.10	8.00	
King of Reds. Bright crimson, extra fine. 1.10	8.00		

HYACINTHUS

Candicans. White flowering; very desirable for planting in borders. Doz., 30c.; \$2.00 per 100.

ISMENE CALATHINA (Pancrattium Lily)

One of the choicest of our summer flowering bulbs, blooming profusely during the entire season, flowers a beautiful waxy white and deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. **Giant bulbs** 10c. each; per doz., \$1.00; \$7.00 per 100 (see opposite cut).



6 bulbs of a variety or size at dozen rate; 25 at 100 rate; 250 at 1000 rate

(hi)

MICHELL'S (Home Grown) Thrifty CANNA ROOTS

61

Our Roots are extra strong, with plenty of eyes, are clean and absolutely true to name. When ordering please state if immediate shipment is desired; also if we shall send via express or freight. The heights quoted on Cannas are as they grow in our nursery. These may vary with soil and climatic changes.

SPECIAL NOTICE

MICHELL'S CANNAS were awarded a Silver Medal by the Judges of Horticultural Displays at the Panama-Pacific Exposition, San Francisco, in 1915.

CRIMSON, ORANGE AND RED CANNAS

	Doz.	100	1000
Alphonse Bouvier. Deep crimson, green foliage, 4 feet	\$0.50	\$2.50	\$20.00
Brandywine. Scarlet red, bronze foliage...	.65	3.00	27.50
Chas. Henderson. Crimson, green foliage...	.65	3.00	27.50
Crimson Bedder. Crimson, green foliage...	.65	3.00	27.50
Dr. E. Ackerknecht. Carmine suffused deep red, handsome dark foliage, 4 feet.....	.75	5.00	40.00
Egandale. Bright cherry red, bronze foliage	.65	3.00	27.50
Express. Dwarf, crimson, 2½ feet, green foliage .....	.60	3.50	30.00
Harry Laing. Rich glowing scarlet suffused orange, green foliage, 5 feet.....	1.00	7.00	65.00
King Humbert. Bronze foliage, orange red, 4 feet .....	.75	4.00	35.00
Louis Reverchon. Cochineal red, with dark foliage, 4 to 5 feet.....	.65	3.00	27.50
Meteor. Bright red, compact grower, 4½ feet, green foliage	1.25	8.25	75.00
President McKinley. Brilliant crimson...	.65	3.25	30.00
Wyoming. Orange red, bronze foliage....	.65	3.00	27.50

PINK CANNAS

Hiawatha. Rosy pink, variegated foliage..	.75	3.50	30.00
Minnehaha. Seashell pink, deepening to gold, peach blow centre.....	.60	3.00	27.50
Mrs. Alfred F. Conard. Soft salmon pink..	1.50	10.00	85.00
Pink Beauty of Hungaria. Soft salmon rose, 3 feet	1.25	7.00	60.00
Rosea Gigantea. Rich rose pink.....	1.50	10.00	85.00
Sec. Chabanne. Salmon pink, green foliage, 3 feet .....	.60	3.00	25.00
Venus. Rosy pink, bordered creamy yellow, foliage green, 4 feet.....	.75	4.00	35.00



Canna, Gladiator



Canna, Mrs. Alfred F. Conard

YELLOW AND WHITE CANNAS

	Doz.	100	1000
Austria. Deep golden yellow, 6 feet.....	\$0.50	\$3.00	\$25.00
Gustave Gumpfer. Rich yellow, 4 feet.....	.75	5.00	40.00
Kate F. Deemer. Rich yellow shading to turkey red, green foliage, 4 feet.....	1.00	6.00	50.00
Maros. Creamy white, very good, green foliage, 3½ feet .....	.75	5.00	45.00
Mont Blanc. Creamy white, large flowers..	.75	4.00	35.00
Richard Wallace. The finest commercial light yellow canna, 4 feet.....	.60	3.00	27.50

BI-COLORED CANNAS

Brilliant. Bright yellow, with red tongued petals, 4 feet, green foliage.....	.75	5.00	40.00
Gen'l Merkel. Scarlet, with orange edge, splashed golden yellow, 4 ft., green foliage	.60	3.25	30.00
Gladioflora. Crimson, changing to pink, edged yellow, green foliage, 3 feet.....	.60	3.25	30.00
Niagara. Rich crimson, edged gold, green foliage, 3 feet .....	.75	5.00	45.00
Florence Vaughan. Yellow, spotted red, 4 ft.	.50	3.00	25.00
Gladiator. Yellow, spotted red.....	.75	3.50	30.00
Italia. Scarlet, broadly edged yellow, 6 feet	.50	3.00	25.00
Mme. Crozy. Scarlet, bordered golden....	.50	3.00	25.00
Queen Charlotte. Crimson, with wide gold border, 3 feet .....	.50	3.00	25.00
Wm. Griesinger. Pure yellow dotted carmine, free bloomer, green foliage, 4½ ft.	.60	3.50	30.00

FOLIAGE CANNAS

Black Beauty (Improved). A foliage variety, bronzy purple leaves, 6 feet high.....	.75	4.00	30.00
Musa Folia. A broad, green foliage variety, 6 feet .....	.50	2.50	20.00
Robusta Perfecta. Green foliage, shaded bronze, 7 feet50	3.00	25.00

MIXTURES OF CANNAS

Dwarf French Mixed50	3.00	22.50
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6 roots of a variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(h1)

Michell's Superb Dahlias for Florists

Varieties marked * are best cut-flower sorts

Order Dahlia Roots Early. Each season some customers are disappointed by not being able to get roots. This is often caused by waiting too long before placing their orders. Stock of some sorts is frequently exhausted as early as March. Orders received for Dahlia roots of a variety, which stock is exhausted, will be filled in strong, thrifty plants about May 1st, unless advised to the contrary. Dahlia plants give splendid satisfaction.

We realize the list of dahlias at command is much more extensive than what we offer, but it has been our endeavor to offer those varieties which are best suited to the needs of the florist. Our retail catalog offers a larger selection to those who do not find what they want in this list.

Varieties listed in our Retail Catalog and not quoted in this catalog, will be supplied at the price in the Retail Catalog less 20 per cent.



Decorative Dahlia, Souvenir de Gustave Douzan

DECORATIVE DAHLIAS

	Dozen	100
*C. W. Bruton. Canary yellow.....	\$1.00	\$7.50
*Catherine Duer. Crimson scarlet	1.00	7.50
*Delice. Brilliant pink	1.50	10.00
Emily. Solferino	1.50	10.00
Easton. Brilliant red	1.50	10.00
*Eventide. Pure white	1.50	10.00
Gayety. Strawberry red	1.50	10.00
*Golden West. Pure yellow.....	2.00	15.00
*Jack Rose. Rich crimson.....	1.10	8.50
Jeannie Charmet	1.75	12.50
*Kaiserin Augusta Victoria. Pure white.....	1.75	12.50
*Lyndhurst. Bright scarlet.....	1.10	8.50
*Mad. van den Dael. Shell pink, shaded deep rose	1.25	9.00
Mme. A. Lumiere. Pure white, tipped violet red..	1.25	9.00
Minnie McCullough. Soft yellow.....	1.10	8.50
Manzanola	1.50	10.00
Mrs. Chas. L. Seybold.. Crimson carmine.....	1.75	12.50
*Mrs. Chas. Turner	1.75	12.50
Mrs. C. W. Bassett. Mauve pink.....	1.50	10.00
*Mrs. J. G. Cassatt. Rose pink.....	1.10	8.50
Mrs. Furbush. Rich garnet, shaded maroon.....	1.75	12.50
*Mrs. Roosevelt. Daybreak pink.....	2.00	15.00
Oregon Beauty. Oriental red with golden sheen.	2.00	15.00
*Perle de Lyon. Clear white.....	1.10	8.50

DECORATIVE DAHLIAS—(Continued)

	Dozen	100
Queen Mary. Rose pink.....	\$2.00	\$15.00
Souvenir de Gustave Douzan. Red.....	1.50	10.00
Sylvia. Rich pink, white centre.....	1.10	8.50
*Wm. Agnew.. Scarlet crimson.....	1.10	8.50
Yellow Colosse. Pure canary yellow.....	1.50	10.00

PAEONY FLOWERED DAHLIAS

	Dozen	100
Avalanche. Pure white.....	2.50	17.50
Chatenay. Soft carmine rose.....	2.50	17.50
Germania. Bright crimson.....	1.75	12.50
Glory of Groeneken. Rich orange yellow.....	1.75	12.50
Hortulanus Budde. Rich orange red.....	2.00	15.00
Dorothy Head. Bright salmon, suffused yellow..	3.50	25.00
Mrs. G. Gordon. Lemon-yellow.....	1.10	8.50
Mondscheibe. Deep yellow.....	3.00	20.00
John Wanamaker. Orchid pink.....	2.50	17.50
Queen Wilhelmina. Pure white.....	1.75	12.50
The Author. Brilliant terra-cotta.....	3.00	20.00

POMPON DAHLIAS

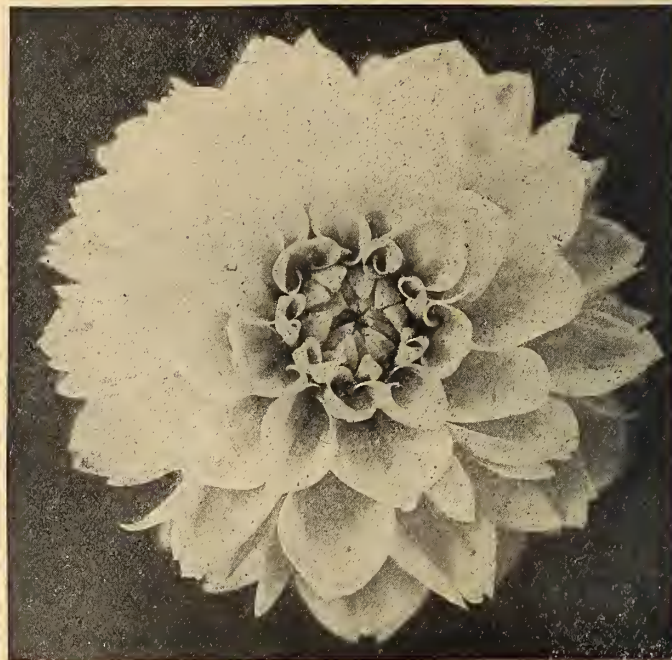
	Dozen	100
Catherine. Yellow	1.10	8.50
Klein Domitea. Salmon pink.....	1.10	8.50
Nerissa. Pink	1.10	8.50
Snowclad. Pure white	1.10	8.50
Ware's Mars. Scarlet	1.10	8.50

SINGLE DAHLIAS

	Dozen	100
Apple Blossom. Delicate pink.....	1.10	8.50
Fringed Century. Crimson	1.25	9.00
Helvetia. Striped scarlet and white.....	1.25	9.00
Jack. Brilliant scarlet	1.25	9.00
Twentieth Century. Rosy crimson and white...	1.25	9.00

DOUBLE OR SHOW DAHLIAS

	Dozen	100
*A. D. Livoni. Clear pink.....	1.10	8.50
*Chas. Lanier. Amber, shaded buff.....	1.25	9.00
Cuban Giant. Maroon.....	1.50	10.00
*Dorothy Peacock. Rose pink.....	1.75	12.50
*Frank Smith. Rich purple maroon.....	1.50	10.00
*Jno. Thorpe. Soft rich pink.....	1.25	9.00
*John Walker. Pure white.....	1.25	9.00
Lavender Beauty. Bright lavender.....	1.50	10.00
Lucy Fawcett. Sulphur yellow.....	1.25	9.00
Miss Minnie Vosburgh. Pure white.....	1.50	10.00
*Princess Victoria. Rich canary yellow.....	1.10	8.50
*Red Hussar. Pure cardinal red.....	1.10	8.50
*White Swan. Pure white.....	1.10	8.50



Show or Double Dahlia, "Dorothy Peacock"

MICHELL'S SUPERB DAHLIAS

63

As the season advances our stock of roots in certain varieties becomes exhausted. In such cases we will send out (unless instructed to the contrary) beginning in May, sturdy plants. These invariably give splendid satisfaction. The varieties on these two pages have been selected from a long list, on account of their being especially suitable for cut-flower purposes, particularly those marked *.

Cactus Dahlias

	Doz.	100
* Aristed Gurtler. Orange, suffused scarlet.....	\$2.00	\$15.00
Brisbane. Bright orange scarlet.....	2.00	15.00
* Candeur. Pure white.....	1.50	10.00
Cockatoo. Lemon yellow.....	1.25	9.00
* Countess of Lonsdale. Salmon pink.....	1.10	8.50
* Country Girl. Golden yellow, suffused pink.....	1.25	9.00
* Delicatissima. Clear pink.....	1.10	8.50
Duchess of Marlborough. Solferino, shaded golden	2.50	17.50
Fernand Olivet. Deep maroon, shaded scarlet...	1.50	10.00
Floradora. Blood red.....	1.50	10.00
* F. W. Fellows. Bright orange scarlet.(50c. each)	5.00	
Galathea. Soft pink.....	1.50	10.00
* General Buller. Rich crimson.....	1.10	8.50
Glory of Wilts. Golden yellow.....	1.50	10.00
Golden Eagle. Golden yellow, suffused rose.....	1.50	10.00
* Goldland. Primrose yellow.....	1.10	8.50
H. W. Sillem. Vermilion red.....	1.10	8.50
* John Riding. Deep rich crimson.....(30c. each)	3.00	22.50
Kismet. Pomegranate purple.....(30c. each)	3.00	22.50
* Kriemhilde. Soft pink.....	1.10	8.50
Lawine. White, shaded blush.....	1.10	8.50
Lord Minto. Sulphur yellow.....	1.10	8.50
* Lorna Doone. Yellow, shaded pink..(30c. each)	3.00	22.50
Lovely. Violet rose, shaded cream white.....	1.10	8.50
Marathon. Brilliant rich purple.....	1.10	8.50
* Master Carle. Bright amber.....	1.10	8.50
Mme. Marie Doucet. Mauve pink.....	1.25	9.00
* Melody. Clear yellow.....	1.25	9.00
Miss Wilmott. Reddish apricot.....	1.50	10.00
* Model. Soft yellow, shading to clear pink.	(60c. each)	6.00
* Mrs. H. J. Jones. Brilliant scarlet.....	1.50	10.00
Nerthus. Orange yellow, shaded carmine rose...	1.50	10.00
* Nibelungenhort. Old rose	3.50	25.00
Phoenix. Rich carmine red.....	1.50	10.00
* Record. Rich oriental red.....(50c. each)	5.00	25.00

Cactus Dahlias—Continued

	Doz.	100
Sherlock. Orange scarlet.....	\$2.00	\$15.00
* Success. Light canary yellow.....	1.50	10.00
Tricolor. Golden yellow, marked scarlet.....	1.50	10.00
* Valiant. Brilliant crimson.....(50c. each)	5.00	
* Wodan. Salmon rose.....	1.75	12.50
Yellow Hammer. Deep pure yellow.....	2.50	17.50



Collarette Dahlia, "Maurice Rivoire"

Collarette Dahlias

	Doz.	100
Comte de Nodler. Deep purple, yellow centre....	\$2.00	\$15.00
Henri Farman. Brilliant red, edged yellow.....	2.00	15.00
Maurice Rivoire. Blood red, white collar.....	1.10	8.50
Mme. Viger. Rich garnet, white collar.....	1.50	10.00
Souvenir de Chabanne. Golden yellow, suffused scarlet, yellow collar, tipped white.....	1.10	8.50

Dahlias—Mixed and to Color

Double White	\$1.00	\$7.00
" Pink	1.00	7.00
" Red	1.00	7.00
" Mixed, all colors	1.00	7.00
Single Mixed, all colors	1.00	7.00
Cactus Mixed, all colors	1.00	7.00

Special Notice.—We draw special attention to pages 118 to 123 of our 1917 Retail Catalogue, where a large list of standard and newer Dahlias will be found listed. A copy will be sent on request.

TESTIMONIAL ON MICHELL'S DAHLIAS

Bridgeport, Pa.
I have bought Dahlias from you for several seasons, and this year they are even better than ever. I think this is remarkable, as on account of the unusually dry weather, Dahlias have not done well generally. My plants have all grown splendidly, and are full of flowers, a majority of them of unusual size.

Very truly yours, (Signed) S. W. S.



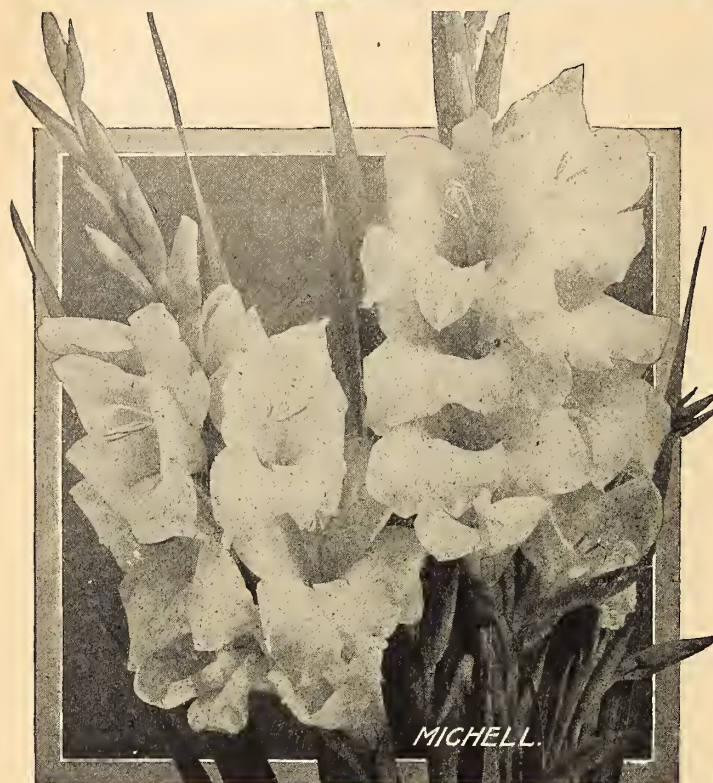
Cactus Dahlia, "Goldland"

6 Dahlias of a variety at dozen rate; 25 at 100 rate; less than 6 of a kind charged at retail price, less 20 per cent. (hi)

MICHELL'S GLADIOLI

**Large, Heavy Home-Grown
Blooming Size Bulbs**

The past season we harvested approximately half-million gladioli bulbs of splendid quality. Our prices are right and we know the quality will please you.



Gladiolus "America"

Our experience with gladiolus is that the demand seems to be constantly on the increase; it is a crop that can be produced at small expense, either under glass or outdoors. We recommend strongly that every florist grow a quantity of them to supply the demand that will exist again this season.

VARIETIES of RECENT INTRODUCTION

Try a few of these, testing them for your soil, they may be just what your trade demands and you can order more another season.

	Doz.	100
Charmer. Soft mauve pink.....	\$1.25	\$9.00
Cynosure. Deep rose pink, crimson throat.....	1.50	11.00
Fascinator. Salmon pink, carmine throat.....	1.50	10.00
Fire King. Intense scarlet, very fine.....	1.50	10.00
Leslie. Delicate pink, blotched crimson.....	1.00	6.00
Melrose. White flaked pink.....	1.25	9.00
Negerfurst. Blood red, black spots.....	2.25	16.00
Rich Red. Very deep red.....	1.25	9.00
Ruby King. Intense ruby red.....	1.25	9.00
Silvretta. Creamy white, blotched carmine.....	2.75	22.00
Winsome. Carmine pink, blotched crimson.....	1.75	12.00

IMPORTANT MEMORANDA

Most people want the largest bulbs they can get, while many varieties of gladiolus, for instance, only produce medium-sized bulbs, and for that reason should not be condemned. Frequently the very best gladiolus do not produce large bulbs, while in the mixtures the medium-sized bulbs are the best varieties.

SPECIAL FORCING VARIETIES

Also Suitable for Outdoor Planting

America. One of the finest gladiolus; delicate pink, robust straight stem and giant flowers of delicate texture; forces readily and sells at sight. *Extra Selected Bulbs.* 30c. per doz.; per 100, \$1.75; \$15.00 per 1000.

Augusta. A pure white flower, slightly pencilled in throat; all flowers open at one time. Straight spike, 3 feet, covered with flowers; one of the most popular sorts. 30c. doz.; per 100, \$1.85; \$16.00 per 1000.

Brenchleyensis. Bright, brilliant scarlet; straight stem, showing all flowers at one time; a showy, glorious, bright flower with all good qualities combined; easy forcer. 20c. doz.; per 100, \$1.40; \$12.00 per 1000.

Glory of Holland. Pure white, with anthers of delicate lavender; extra early; excellent for forcing. The spikes are very long and straight. 35c. per doz.; per 100, \$2.50; \$20.00 per 1000.

Halley. Very large, well expanded flowers of a lovely salmon pink, the lower segments are blotched yellow with carmine markings. A robust grower and excellent variety. 25c. doz.; per 100, \$1.50; \$12.50 per 1000.

Hollandia. Beautiful salmon yellow; straight spikes, showing all flowers open at one time. A splendid companion to Brenchleyensis. 30c. doz.; per 100, \$2.00; \$17.50 per 1000.

May. White, penciled crimson, one of the old standbys; compact, well formed spikes, forces easily and always sells. 35c. per doz.; per 100, \$2.25; \$20.00 per 1000.

Mrs. Francis King. One of the loveliest of Gladioli, possessing ideal forms in flower and spikes. The latter are often 4½ feet high, well arranged with enormous flowers of the most brilliant soft scarlet. A characteristic of these flowers is the brilliant effect under artificial light. A splendid forcer, and a color that sells readily. 25c. per doz.; per 100, \$1.50; \$13.50 per 1000.

Kunderdi Glory. Creamy pink with faint blood red stripe in the throat, ruffled petals, splendid forcer. 60c. per doz.; per 100, \$4.00; \$35.00 per 1000.

Pink Augusta. Every grower knows that the White Augusta to-day is the ideal florist gladioli on account of its splendid habits. As a companion we have secured this very fine novelty, a lovely penciled soft pink which we know will become, in a short time, as popular. We recommend it highly and want every florist to try it. 40c. doz.; \$2.25 per 100; \$20.00 per 1000.

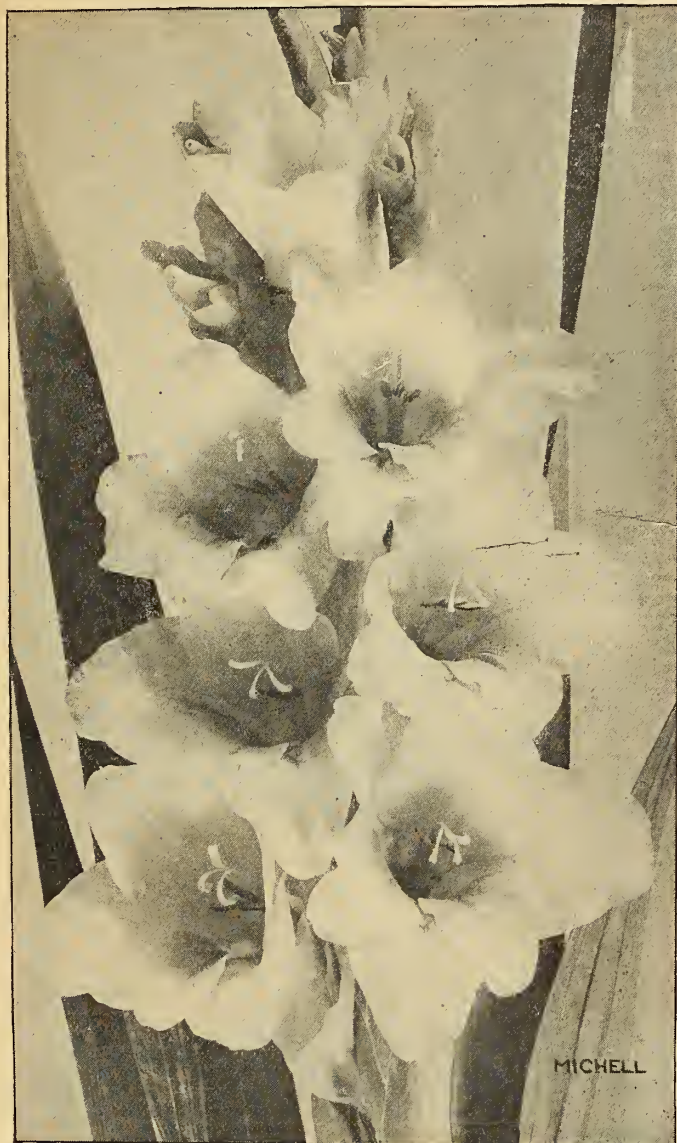
Pink Perfection. Finest and purest rose pink; extra fine spikes, with 8 to 10 flowers open at one time. Received an award of merit and a first-class certificate in London. 60c. doz.; per 100, \$4.00; \$35.00 per 1000.

Shakespeare. White flaked carmine, striped pink. For many years this has been the leading forcing gladiolus and is grown in enormous quantities to-day. 65c. doz.; per 100, \$4.50; \$40.00 per 1000.

Michell's Special White and Light Mixture for Florists. This is a combination of large-flowering white and light shades. It is recommended as a strain that will surely please. 30c. doz.; per 100, \$1.75; \$16.00 per 1000.

Our gladiolus are extra fine, grown in our own nurseries

(11)



Gladiolus Panama

Named Varieties (Continued)

- Attraction.** Enormous flower, deep rich crimson with white blotch in throat. 30c. doz.; per 100, \$2.00; \$17.50 per 1000.
- Baron Hulot.** Rich deep indigo blue, the only true blue variety. 35c. doz.; per 100, \$2.00; \$18.00 per 1000.
- Brilliant.** Bright scarlet with white throat. 60c. doz.; per 100, \$3.75; \$35.00 per 1000.
- Canary Bird.** Soft light yellow, giant flowers. 85c. doz.; per 100, \$6.50; \$60.00 per 1000.
- Cardinal.** Intense cardinal red; spike and flower perfect. \$1.50 doz.; per 100, \$10.00; \$85.00 per 1000.
- Contrast.** Color intense scarlet with distinct pure white centre. \$3.25 doz.; \$25.00 per 100.
- Eugene Scribe.** Beautiful tender rose, shaded deeper. 60c. doz.; per 100, \$3.50; \$30.00 per 1000.
- Europa.** Gigantic flowers of purest white without a trace of any other color. Spike averages 25 blossoms. \$1.00 doz.; per 100, \$5.00; \$45.00 per 1000.
- Geo. Paul.** Rich crimson, heavy bloomer. \$1.00 doz.; per 100, \$6.00; \$50.00 per 1000.
- I. S. Hendrickson.** Pink and white mottled. 80c. doz.; per 100, \$6.00; \$50.00 per 1000.
- Klondyke.** Primrose, blotched crimson in throat. 35c. doz.; per 100, \$2.25; \$18.00 per 1000.

NAMED VARIETIES (Continued)

- Lemon Drop.** Light yellow, with a bright yellow throat. 70c. doz.; per 100, \$5.00; \$45.00 per 1000.
- Mrs. Frank Pendleton, Jr.** Without a doubt this the finest of the bright colored gladiolus. A rich, delicate salmon pink, blotched rich maroon. \$1.25 doz.; per 100, \$8.00.
- Mrs. H. B. Fullerton (New).** Rich ruby red. 30c. each; doz., \$3.50; \$25.00 per 100.
- Nezinscott.** Bright blood red with velvety blotches, mottled white. 60c. doz.; per 100, \$4.00; \$35.00 per 1000.
- Niagara (New).** A shade of rich cream combined with canary yellow. The form and habit of this variety is exactly like America, except that the spike grows taller. 80c. doz.; per 100, \$5.00; \$45.00 per 1000.
- Panama (New).** Fully equal to America and superseding it in color, which is more on the order of salmon pink. 60c. doz.; per 100, \$3.50; \$32.50 per 1000.
- Peace (New).** A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows the enormous flowers well placed all along the stem. 80c. doz.; per 100, \$5.00; \$40.00 per 1000.
- Primulinus.** Canary yellow, very distinct. \$1.75 doz.; \$12.00 per 100.
- Primulinus Major Hybrids.** Various shades of yellow. 40c. doz.; per 100, \$2.50; \$20.00 per 1000.
- Princeps.** A giant gladiolus, dazzling scarlet. 50c. doz.; per 100, \$2.50; \$20.00 per 1000.
- Rochester White.** A splendid variety, producing spikes 4 feet long, completely covered with wide open flowers of purest white, slightly tinged with whitish green.
- Rosella.** Delicate pink, white throat. \$1.10 doz.; per 100, \$8.00.
- Rose Spray.** Pink. 50c. doz.; per 100, \$2.75; \$22.50 per 1000.
- Scarsdale.** Lavender, very fine. 70c. doz.; per 100, \$4.50; \$37.50 per 1000.
- Scribe.** Large spike, enormous flower, rose flaked carmine tinted white. 70c. doz.; per 100, \$4.50; \$37.50 per 1000.
- Sulphur King.** Exquisite sulphur yellow. Beautiful flowers and vigorous grower. \$2.00 doz.; \$15.00 per 100.
- Victory.** Sulphur yellow, blotched maroon. 50c. doz.; per 100, \$3.75; \$32.50 per 1000.
- War.** As the grower terms it, "A bad name, but a splendid variety." One of the largest of all gladioli, with deep blood red flowers, showing 4 to 6 blooms at one time. \$1.00 doz.; per 100, \$6.00; \$50.00 per 1000.
- Wild Rose.** Bright rose pink, more or less splashed with lighter and deeper tints. Flowers very large and of graceful form. 85c. doz.; per 100, \$6.00; \$50.00 per 1000.

UNNAMED GLADIOLI (Separate Colors)

	Doz.	100	1000
Pink	\$0.30	\$1.75	\$15.00
Scarlet .....	.25	1.50	12.00
Striped and Variegated .....	.35	2.25	20.00
White and Light Colors (Michell's Special Florist's Mixture)			
White and Light (Regular Strain).....	.30	1.75	16.00
White and Light (Regular Strain).....	.30	1.75	15.00
Yellow and Orange, all Shades.....	.50	3.00	27.50

MIXTURES OF GLADIOLI

Childsii Mammoth Flowering. All colors..	\$0.30	\$1.75	\$15.00
Fine Mixed .....	.18	1.00	9.00
Extra Choice Mixed .....	.20	1.10	10.00
Groff's New Hybrids, Extra Fine Mixed..	.30	1.75	14.00
Lemoine's Type Mixture. All colors.....	.25	1.50	12.00
Michell's Giant Flowering Mixture.....	.25	1.75	15.00

GOLD MEDAL STRAIN MIXTURES (To Color)

- Section 1.** Finest shades of red, scarlet and crimson. 75c. doz.; \$5.00 per 100.
- Section 2.** Finest shades of yellow, delicate pink, rose and white. \$1.00 doz.; \$7.00 per 100.
- Section 3.** All shades of blue, heliotrope, mauve and lilac. \$1.50 doz.; \$10.00 per 100.

SILVER MEDAL STRAIN MIXTURES (To Color)

- Section 1.** Red, scarlet and crimson, fine types. 25c. doz.; \$1.75 per 100.
- Section 2.** Yellow, white and light shade strains. 40c. doz.; \$2.25 per 100.
- Section 3.** Lilac, heliotrope, light and dark blue. 50c. doz.; \$2.50 per 100.

Michell's High Grade Bulbs for Florists



Lil. Auratum

HARDY LILIES

Hardy Lilies are now planted by many florists. They bloom outdoors in July and August and are extremely useful for decorative purposes. The Auratum, Album and Rubrum are excellent for forcing.

JAPANESE VARIETIES

Auratum (Golden Banded Lily). Enormous flowers, pure white ground spotted brown with yellow striped petals.

Bulbs				
	Per Case	Doz.	100	1000
8 to 9 inches.....	225	\$1.00	\$6.00	\$55.00
9 to 11 inches.....	125	1.35	9.50	90.00

Album (Praecox). Pure white.

	Doz.	100	1000
8 to 9 inches.....	225	1.35	9.00
9 to 11 inches.....	125	2.00	12.50

Magnificum. Deep pink, spotted crimson.

	Doz.	100	1000
8 to 9 inches.....	225	1.00	6.50
9 to 11 inches.....	125	1.35	9.50

Melpomene. Deep pink, spotted dark red.

	Doz.	100	1000
8 to 9 inches.....	225	1.00	6.50
9 to 11 inches.....	125	1.35	9.50

Rubrum or Roseum. Beautiful pink, spotted crimson.

	Doz.	100	1000
8 to 9 inches.....	225	1.00	6.50
9 to 11 inches.....	125	1.35	9.50

LILIUM TIGRINUM (Tiger Lily)

Orange, spotted brown.

	Doz.	100	1000
Single (Imported bulbs)	\$0.60	\$4.00	\$37.50
Double (Imported bulbs)	.90	6.00	55.00

NATIVE LILIES

Canadense. Bright yellow... \$1.00 \$7.00

Elegans Leonard Joerg. Apricot pink..... 75 5.00

Hansoni. Reddish orange.... 4.25 30.00

Henryi. Orange yellow..... 4.50 30.00

Regale (*Myriophyllum*). (8oc. each) 9.00

Superbum. Orange red..... 1.00 7.00

Tenuifolium. Brilliant scarlet .75 5.00

Umbellatum. Orange scarlet. 85 6.00



COLD STORAGE LILY OF THE VALLEY

For a number of years we have made a specialty of these, and our strains are reputed to be among the finest. We have them packed in convenient quantities as noted below. Cold Storage Valley is shipped by express, unless otherwise instructed, when it must travel at purchaser's risk.

Michell's Fancy Giant Flowering. This invariably produces 15 or more large bells on long spikes, when properly grown.

Delivery January to June 30th

Per 50.....	\$1.35	Per 500.....	\$9.25
Per 100.....	2.50	Per 1000.....	18.00
Per 250.....	4.75	Per case (2500)	42.50

Delivery July 1st to December 31st

Per 100.....	\$2.75	Per 1000.....	\$18.50
Per 250.....	5.00	Per case (2500)	45.00
Per 500.....	9.50		

LILY OF THE VALLEY CLUMPS

For outside planting (stock is usually exhausted after May 15th). \$2.25 per doz.; per 100, \$16.00; \$150.00 per 1000.



Tuberoses

Our Tuberoses bulbs are all hand selected and may be depended upon to bloom.

Mammoth Pearl.

Double pure white. First size bulbs, doz., 25c.; \$1.25 per 100; \$10.00 per 1000.

Variegated Leaved. Doz. 100 1000

Double white..... \$0.25 \$1.50 \$12.50

Albino. Single white. .30 2.00 16.00

When ordering Tuberoses please state when shipment is desired.

MONTBRETIAS

This splendid bulb is adapted to slow forcing and is a money maker; handle it like gladiolus.

Aurantiaca. Deep golden yellow. Doz., 20c.; 100, \$1.25; 1000, \$10.00.

Crocsmiaeflora. Scarlet and yellow. Doz., 20c.; 100, \$1.00; 1000, \$9.00.

Etoile de Feu. Vermilion, yellow centre. Doz., 20c.; 100, \$1.25; 1000, \$10.00.

Germania. Orange-scarlet, very large. Doz., 25c.; 100, \$1.75; 1000, \$15.00.

Pottsii. Large, orange-scarlet. Doz., 20c.; 100, \$1.25; 1000, \$10.00.

Speciosa. Golden yellow. Doz., 20c.; 100, \$1.25; 1000, \$10.00.

Rayon d'Or. Light yellow, spotted brown. Doz., 20c.; 100, \$1.25; 1000, \$10.00.



COLD STORAGE LILIES

For forcing in all seasons, they bloom in 12 to 14 weeks. Every progressive florist should, from time to time, force a batch of these, as they are money-makers.

Important Note.—Always unpack immediately all cold storage Lilies on arrival. We forward these bulbs by express, if desired by freight, they travel at purchaser's risk.

LILIUM GIGANTEUM

For delivery from January 1st to July 1st

Size	No. of Bulbs		Per Case	Per 1000
	Per Case			
7- 9 inch	100	\$8.00		
7- 9 inch	250	16.25		\$64.00
7- 9 inch	300	18.00		60.00
8-10 inch	200	19.00		95.00
9-10 inch	200	17.25		115.00

For delivery from July 1st to November 1st

Size	No. of Bulbs		Per Case	Per 1000
	Per Case			
7- 9 inch	100	\$8.25		
7- 9 inch	250	16.50		\$66.00
7- 9 inch	300	18.75		62.50
8-10 inch	200	20.00		100.00
9-10 inch	200	24.00		120.00

Note.—We can usually supply *Lilium Album*, *Rubrum*, *Magnificum* and *Melpomene* from cold storage. Ask for list of sizes and prices.

Mexican or Madeira Vine

Strong Roots or Tubers Doz. 100 1000

Oxalis (Summer Flowering)

Doz. 100 1000

Deppii. White..... \$0.10 \$0.75 \$6.00

Lasiandra. Pink..... .10 .75 6.00

ZEPHYRANTHES (See *Amaryllis*, Page 59)

SPECIAL NOTE.—Prices of all plants in this list are net and include all costs for packing. Wholesale orders for plants that aggregate less than \$1.00, for the plant portion, will be filled at the retail catalogue rate, less 10 per cent. No order of plants will be sent C. O. D. unless 25 per cent. of the amount is remitted with the order to guarantee the acceptance thereof from the transportation company.



Carnation "Gorgeous"

MICHELL'S ROOTED CARNATION CUTTINGS

Clean Healthy Stock Grown for Cuttings Only

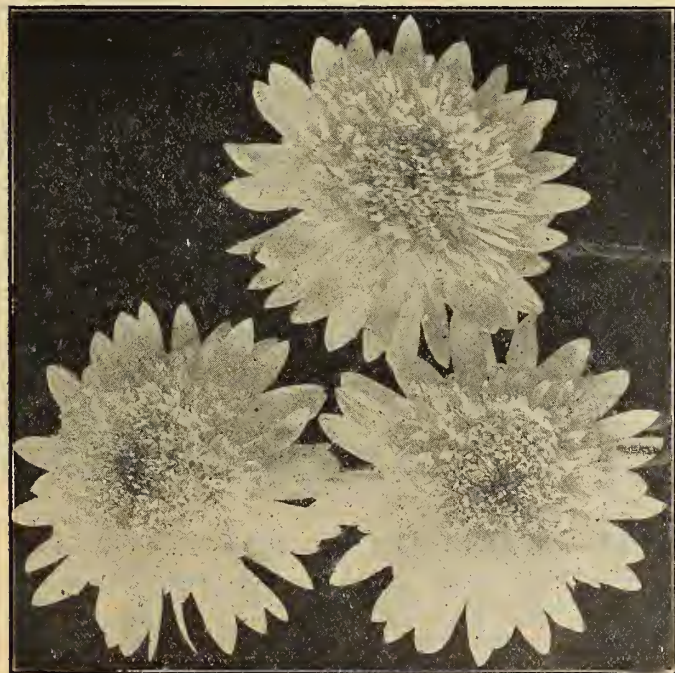
We make quite a specialty of these, producing many ourselves, and the balance we have grown on contract.

	Doz.	100	1000
Alice Coombs. Giant flowering pink.....	\$0.85	\$6.00	\$50.00
Alice. Shell pink; medium size.....	.60	4.00	35.00
Aviator. Intense scarlet .....	.85	6.00	50.00
Belle Washburn. Brilliant red .....	.85	6.00	50.00
Benora. Cream-white, pencilled bright red.....	.60	4.00	35.00
Champion. Bright scarlet .....	.60	4.00	35.00
Enchantress. Shell pink .....	.50	3.00	25.00
Enchantress Supreme. Light salmon pink.....	.60	4.00	35.00
Eureka. Bright scarlet .....	.60	4.00	35.00
Gloria. Beautiful silver pink.....	.60	3.50	30.00
Gorgeous. Rich glowing crimson.....	.60	3.50	30.00
Laura Weber. Flesh pink, long stem.....	.85	6.00	50.00
Matchless. Pure white .....	.60	4.00	35.00
Miss Theo. Bright pink .....	.60	4.00	35.00
Mrs. C. W. Akehurst. Clear rose pink .....	.60	3.50	30.00
Mrs. C. W. Ward. Light pink .....	.50	3.00	25.00
Nancy. Light salmon pink .....	.75	6.00	50.00
Nebraska. Bright scarlet .....	.75	6.00	50.00
Red Wing. Clear scarlet .....	.75	6.00	50.00
White Enchantress. Pure white .....	.50	3.00	25.00
White Wonder. Large pure white .....	.50	3.00	25.00

We can also supply other varieties.

Chrysanthemum Frutescens "Mrs. F. Sander"

A great improvement over the old Paris Daisy or Marguerite. The flowers are of purest white and often measure 5 inches across. Equally good for bedding purposes or cut flowers; also fine for pot culture for winter blooming, producing a very large percentage of double flowers. Strong 3-inch pot plants. \$1.00 per doz.; per 100, \$8.00.



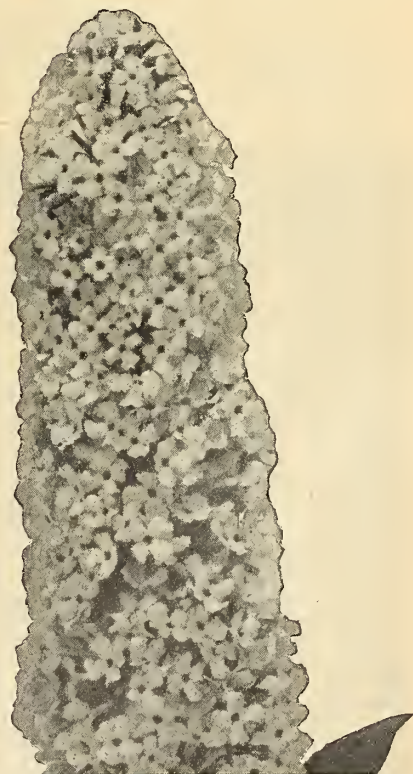
Chrysanthemum Frutescens, "Mrs. F. Sander"

EVERBLOOMING BUTTERFLY BUSH

(Buddleia Variabilis Magnifica)

A Popular Hardy Shrub for the Florist

This shrub, from a young plant set out in May, will mature to full size the first season. It produces long, graceful stems which terminate in tapering panicles of beautiful lilac-colored flowers that are of miniature size and borne by the hundreds on a flower-head which is frequently 10 inches long. A single plant the first season will throw out as many as 50 flower spikes, which increase greatly in number during succeeding years. The year after planting it generally commences to flower in June and continuing each season until severe frosts nip it. Florists will find this a popular cut flower with long keeping qualities; for design work, bouquets, or window decoration it is distinct and valuable, furnishing a continuity of bloom the whole summer. Price of strong plants from 3-inch pots that will bloom the first year, \$1.50 doz.; per 100, \$10.00; per 1000, \$90.00.



A Spike of Butterfly Bush

CAMPANULA CALYCANTHEMA (For Forcing)

As a forcing proposition this will appeal only to those who have a select decorative trade, or who desire unique window effects; in either case this type of Campanula will serve a splendid purpose. They should be planted in benches in a carnation temperature, which will bring them into bloom without much forcing. The long spikes of flowers are a beautiful sight and will win you new trade for your thought in growing these.

	Doz.	100
Pink. Pot grown plants.....	\$1.50	\$10.00
White. Pot grown plants.....	1.50	10.00
Blue. Pot grown plants.....	1.50	10.00

GERANIUMS

	2 1/4-inch Dozen	Pot 100	Plants 1000
Helen Michell. Brilliant scarlet.....	\$0.85	\$4.50	\$40.00
Alphonse Ricard. Bright vermilion scarlet; double	.50	3.00	27.50
Beaute Poitevine. Salmon pink; semi-double....	.50	3.00	27.50
La Favorite. Pure white; double.....	.50	3.00	27.50
Mrs. E. G. Hill. Soft salmon pink; single.....	.50	3.00	27.50
S. A. Nutt. Dark red; double.....	.50	3.00	27.50

Not less than 12 of a variety of 2 1/4-inch pot plants furnished.

MATRICARIA "LITTLE GEM"

One of the best hardy perennials for cut flower purposes, being literally smothered with large, button-like, pure white double flowers, borne in sprays during the entire summer and autumn. These are wonderfully fine plants and should be planted liberally. They flower also on the greenhouse bench from November on during the whole winter if planted in beds or along the edges of the benches; a carnation temperature suits them. Florists will find this plant a valuable acquisition to their collection of flowers for funeral design work during the summer, autumn, winter and spring months. 2 1/2-inch pot plants, \$1.00 per dozen; per 100, \$7.00.



Matricaria "Little Gem" (See above)



Campanula Calycanthema

MICHELL'S CYCLAMEN SEEDLINGS

We will have ready from February on a choice lot of thrifty seedlings of Michell's Giant Flowering strain of Cyclamen in separate colors: Pink, White, Red, Salmon; not less than 50 seedlings supplied nor less than 25 of a color supplied. Price, \$3.50 per 100; per 1000, \$30.00. Florists who may have overlooked sowing the seed will find these a very advantageous purchase.

Book your order now.



A Butterfly Type of Cyclamen Bloom

LILIUM REGALE OR MYRIOPHYLLUM

This splendid hardy garden lily was found in the wilds of Northwestern China by Mr. E. H. Wilson, the noted plant collector; it is just as easily forced in flower under glass, as it blooms outdoors in July. The flowers are white, slightly tinted pink, shaded light yellow in the centre of the throat; the perfume resembles that of the Jasmine and Gardenia; the foliage is narrow, decking the stem completely from the ground to the flower spikes. 80c. each; doz., \$9.00.

MICHELL'S HYDRANGEAS FOR FORCING

69

The past two seasons we have worked up a large stock of this important florist plant, our list including the standard as well as the more recently introduced varieties.

NEW SORTS FRENCH HYDRANGEAS

Joconde. Pure white, very large.
Lakme. Cream white, shaded pink.
Mme. Foucard. Ruby rose.
Mme. Nicolas Lambert. Pale rose.
Mme. A. Rosenkraenzer. Mauve.
Magenta. Clear rose.
Mme. Rene Jacquet. Flesh pink.

Price of the above new Hydrangeas, all varieties strong plants from 2½ inch pots, \$2.50 doz.; per 100, \$15.00. A splendid opportunity to get the latest varieties at right prices.

RECENTLY INTRODUCED FRENCH HYDRANGEAS

Baby Bimbinet. Dwarf, silvery rose.
Beaute Vendomoise. White, tinted pink.
****Eclairer.** Carmine rose. (2½ inch pots only.)
Harmonie. Fringed, white, tinted rose.
La France. Pure white, rosy eye.
La Perle. White, large fringed flowers.
Liberte. Fringed, white shaded light rose.
Louis Mouilliere. Fringed, deep rose pink.

Price of the above recently introduced Hydrangeas (except as noted **):

	Doz.	100		Doz.	100		Doz.	100
2½ inch pots..	\$1.50	\$10.00	4 inch pots..	\$3.00	\$20.00	6 inch pots..	\$5.00	\$35.00

STANDARD VARIETIES FRENCH HYDRANGEAS

Avalanche. White.
Botaniste Peltreau. Pink.
Bouquet Rose. Pink.
Genl. de Vibraye. Bright rose.
La Lorraine. Pale rose pink.
Mme. E. Mouilliere. White.
Radiant. Pink.
Souv. Mad. Chautard. Pink.

Price of Standard Varieties Hydrangeas:

	Doz.	100	1000		Doz.	100		Doz.	100
2½ in. pots..	\$0.75	\$5.00	\$40.00	4 in. pots..	\$1.75	\$12.50	6 in. pots..	\$4.25	\$30.00

Special Offer.—Tub Plants **Hydrangea Otaksa.** 10-in. tubs, \$1.50 each. 12-in. tubs, \$2.50 each. 8-in. Pot Plants **Otaksa.** 8oc. each; doz., \$8.00.



Hydrangea Radiant

HYDRANGAEA OTAKSA

The old fashioned pink variety.

2½ inch pots. Doz., 75c.; \$5.00 per 100;
 per 1000, \$40.00.
 4 inch pots. Doz., \$1.75; \$12.50 per 100.
 6 inch pots. Doz., \$4.25; \$30.00 per 100.

ABOUT BLUE HYDRANGEAS

Blue is a color that is not fixed in this class of plants, it is controlled sometimes by climatic, and other times by soil conditions; we cannot supply blue flowering hydrangeas.

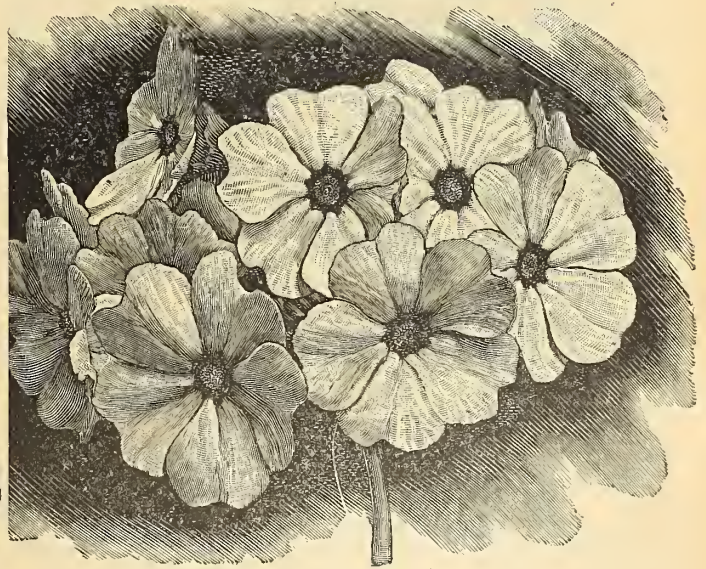


Verbena Karl Müller

NEW VERBENA—Karl Müller

The most brilliant and most free-flowering Verbena yet introduced. The plants make a wonderful growth of erect, bushy habit, about 4 to 6 inches high. For bedding and for pots it is unsurpassed. A 4-inch pot plant often produces from 12 to 14 flower heads at one time. The color is a brilliant crimson, quite distinct from all others. It is the earliest variety to bloom, and is literally covered with flowers all season.

Price of 2¼-inch pot plants, \$5.00 per 100; per 1000, \$45.00.



Hardy Primrose

HARDY PRIMROSES

For forcing in moderate heat during January, February and March; these splendid plants find a ready sale in all flower shops and are in fact just one of the odd things that the flower lover wants but can seldom find out of season. The plants are in 4-inch pots, well established, and in flower should sell readily retail at from 35c to 50c, each in bloom. They can be brought into heat at intervals which will prolong the period of supply; splendid for window decorations.

Primula Veris. A mixture of red and yellow, commonly known as English Cowslip. \$1.00 per doz.; per 100, \$7.00.

Primula Auricula. A mixture of brilliant shades of red and yellow produced from the finest strain of English seed. \$1.00 per doz.; per 100, \$7.00.

Primula Polyanthus. Velvety red, edged golden yellow. \$1.00 per doz.; per 100, \$7.00.

Michell's Pot Grown Roses

Extra strong 2-year-old stock in 5 and 6-inch pots, according to variety.

NOTE.—Please read. Our rose plants are field grown stock, potted during December and January and stored cool, so that top growth is retarded, and root action only is developed. This makes the best kind of a plant for setting out in the spring. Florists should please keep in mind that this stock for the most part is almost dormant until May 1st, and is therefore not suitable for selling in bloom on Decoration Day; each year many florists overlook this and are disappointed when the plants arrive not in bloom. We do not sell forced rose plants.

Regarding Rose Prices.—12 or more plants in the aggregate will be charged at the quoted hundred rate for the respective varieties, where less than 12 are ordered at a time the single or each price will apply.

Time of Shipment.—We prefer to begin rose shipments the latter part of April, in fact from May 1st on is better. Orders will be executed at that time unless advised to the contrary or unless in our judgment weather conditions warrant earlier shipments. No order for plants that aggregates less than \$1.00 will be filled at wholesale catalogue rates. Such orders will be filled and charged at retail catalogue rates, **less 10 per cent.**



Rose, Hoosier Beauty

HYBRID TEA AND TEA VARIETIES

	Each	100
Antoine Rivoire. Flesh pink, shaded darker.....	\$0.40	\$35.00
A. R. Goodwin. Rich coppery orange.....	.40	35.00
Augustus Hartman. Geranium red, flushed orange.....	.60	45.00
Autumn Tints. Coppery red, shaded salmon.....	.60	45.00
Belle Siebrecht. Brilliant pink.....	.40	35.00
Bessie Brown. Cream white.....	.40	35.00
Betty. Coppery rose, shaded yellow.....	.40	35.00
British Queen. Pure white; very fine.....	.40	35.00
Chateau de Clos Vougeot. Fiery scarlet.....	.40	35.00
Chrissie McKellar. Crimson carmine.....	.40	35.00
Clotilde Soupert. Soft flesh pink.....	.35	25.00
Colleen. Clear pink.....	.75	60.00
Countess de Clanwilliam. Peach pink.....	.40	35.00
Dean Hole. Deep salmon pink.....	.40	35.00
Dorothy Page Roberts. Coppery yellow.....	.40	35.00
Duchess of Sutherland. Rose pink, shaded yellow.....	.40	35.00
Duchess of Wellington. Deep saffron yellow....	.40	35.00
Duchess of Westminster. Clear rose.....	.40	35.00
Earl of Gosford. Dark crimson rose.....	.40	35.00
Earl of Warwick. Soft salmon pink.....	.40	35.00
Edgar M. Burnett. Flesh colored, tinted rose....	.60	45.00
Edward Mawley. Velvety crimson.....	.40	35.00
Etoile de France. Intense brilliant crimson.....	.40	35.00
Etoile de Lyon. Sulphur yellow.....	.40	35.00
Farben Koenigin. Brilliant pink.....	.40	35.00
Florence Forrester. Snow-white, with lemon tinge.....	.50	40.00
General McArthur. Deep scarlet.....	.40	35.00
Geo. Dickson. Velvety-black crimson.....	.40	35.00
Geo. C. Waud. Vermilion, shaded orange.....	.40	35.00
Gruss an Teplitz. Brilliant red.....	.40	35.00
Hadley. Dark red.....	.75	60.00

	Each	100
Harry Kirk. Deep canary yellow.....	\$0.40	\$35.00
Hermosa. Bright pink.....	.35	30.00
Hoosier Beauty. Rich crimson.....	.75	65.00
Hugo Roller. Lemon yellow, shaded crimson....	.40	35.00
Jonkheer J. L. Mock. Deep pink, shaded rose...	.40	35.00
Jos. Hill. Rich salmon pink.....	.40	35.00
Kaiserin Augusta Victoria. Pure white.....	.40	35.00
Killarney. Delicate pink.....	.40	35.00
Königin Carola. Satiny rose, with silvery petals.	.40	35.00
Lady Ashtown. Delicate rose.....	.40	35.00
Lady Alice Stanley. Deep rose.....	.50	40.00
La France. Satiny rose, with darker reflexed petals	.40	35.00
Lady Hillingdon. Deep coppery yellow.....	.40	35.00
Lady Pirrie. Reddish salmon, shaded apricot....	.40	35.00
Laurente Carle. Carmine red.....	.40	35.00
Lieutenant Chauré. Velvety crimson.....	.40	35.00
Mad. Abel Chatenay. Carmine rose, shaded deep	.40	35.00
Mad. Caroline Testout. Bright satiny rose.....	.40	35.00
Mad. Chas. Lutaud. Chrome yellow, tinted scarlet	.40	35.00
Mad. Ed. Rostand. Flesh colored, shaded salmon	.40	35.00
Mad. Edouard Herriot. Coral red, shaded yellow	.40	35.00
Mad. Jules Grolez. Silvery rose, tinted yellow...	.40	35.00
Mad. Ravary. Deep nankeen yellow.....	.40	35.00
Mad. Second Weber. Soft salmon pink.....	.40	35.00
Maman Cochet Pink. A "Bridesmaid" pink.....	.35	30.00
Maman Cochet White. Pure white, tinted pink.	.35	30.00
Marquise de Sinety. Light orange yellow.....	.40	35.00
Mary Countess of Ilchester. Crimson carmine...	.40	35.00
Miss Alice de Rothschild. Rich deep yellow.....	.40	35.00
Mme. Leon Pain. Salmon, deep yellow centre....	.40	35.00
Mme. Melanie Soupert. Rich salmon yellow.....	.40	35.00
Molly Sharman Crawford. Pure white.....	.40	35.00
Mrs. Aaron Ward. Deep Indian yellow.....	.40	35.00
Mrs. Ambrose Ricardo. Deep yellow.....	.40	35.00
Mrs. A. R. Waddell. Rosy scarlet.....	.40	35.00
Mrs. Bertram J. Walker. Bright cerise pink.....	1.00	90.00
Mrs. Chas. E. Pearson. Orange, flushed red.....	.60	45.00
Mrs. Chas. Russell. Bright rose pink.....	.60	45.00
Mrs. David Jardine. Rose pink, shaded lighter...	.40	35.00
Mrs. F. W. Vanderbilt. Deep orange, shaded apricot	.60	45.00
Mrs. Geo. Shawyer. The finest pink Rose.....	.40	35.00
Mrs. James Lynas. Pearl pink, flushed rose.....	.60	45.00
Mrs. R. D. McClure. Brilliant salmon pink.....	.60	45.00
Mrs. Sam Ross. Pale straw, flushed deep yellow.	.40	35.00
Mrs. Walter Easlea. Glowing crimson carmine..	.40	35.00
Mrs. W. Christie Miller. Peach, shaded salmon..	.40	35.00
Mrs. Wemyss Quin. Lemon chrome yellow.....	.60	45.00
My Maryland. Salmon pink.....	.40	35.00
Old Gold. Coppery red, shaded apricot.....	.60	45.00
Ophelia. Salmon shaded pink.....	.40	35.00
Prince d'Arenberg. Brilliant scarlet.....	.40	35.00
Prince de Bulgarie. Flesh pink, suffused salmon.	.40	35.00
Radiance. Carmine pink, shaded yellow.....	.60	45.00
Red Radiance. Brilliant red.....	.60	45.00
Richmond. Rich crimson.....	.40	35.00
Souvenir de Pres. Carnot. Delicate soft pink....	.40	35.00
Souvenir de la Malmaison. Deep flesh colored..	.35	30.00
Souvenir de P. Notting. Apricot yellow.....	.40	35.00
Souvenir de Gustave Prat. Sulphur yellow.....	.40	35.00
Sunburst. Golden orange.....	.40	35.00
The Lyon. Coral red, with yellow base.....	.40	35.00
White Killarney. Pure white.....	.40	35.00
William Cooper.....	.60	45.00
Wm. Shean. Delicate pink.....	.40	35.00
W. R. Smith. Blush white, suffused pink.....	.40	35.00

Michell's Pot Grown Roses (Continued)

71

NOTE.—Please see page 70 at top for explanation of prices, character of plants, etc.

HYBRID PERPETUAL VARIETIES

	Each	100
American Beauty. Pink.....	\$0.40	\$35.00
Baroness Rothschild. Soft delicate pink.....	.35	30.00
Baron de Bonstetten. Velvety red.....	.35	30.00
Captain Christy. Delicate flesh pink.....	.35	30.00
Clio. Delicate flesh, shaded deeper in centre....	.35	30.00
Fisher Holmes. Bright scarlet, shaded maroon..	.35	30.00
Frau Karl Druschki. Pure white.....	.35	30.00
General Jacqueminot. Velvety crimson.....	.35	30.00
Geo. Arends. Clear pink.....	.35	30.00
Gloire de Lyonnaise. White, slightly traced yellow	.35	30.00
Magna Charta. Deep pink; extra large.....	.35	30.00
Margaret Dickson. Pure white.....	.35	30.00
Madame Gabriel Luizet. Pale pink.....	.35	30.00
Mrs. John Laing. Soft pink.....	.35	30.00
Mrs. R. G. Sharman Crawford. Light pink.....	.35	30.00
Paul Neyron. Deep rose; the largest of all.....	.35	30.00
Prince Camille de Rohan. Deep velvety maroon..	.35	30.00
Ulrich Brunner. Bright cherry red.....	.35	30.00

CLIMBING VARIETIES

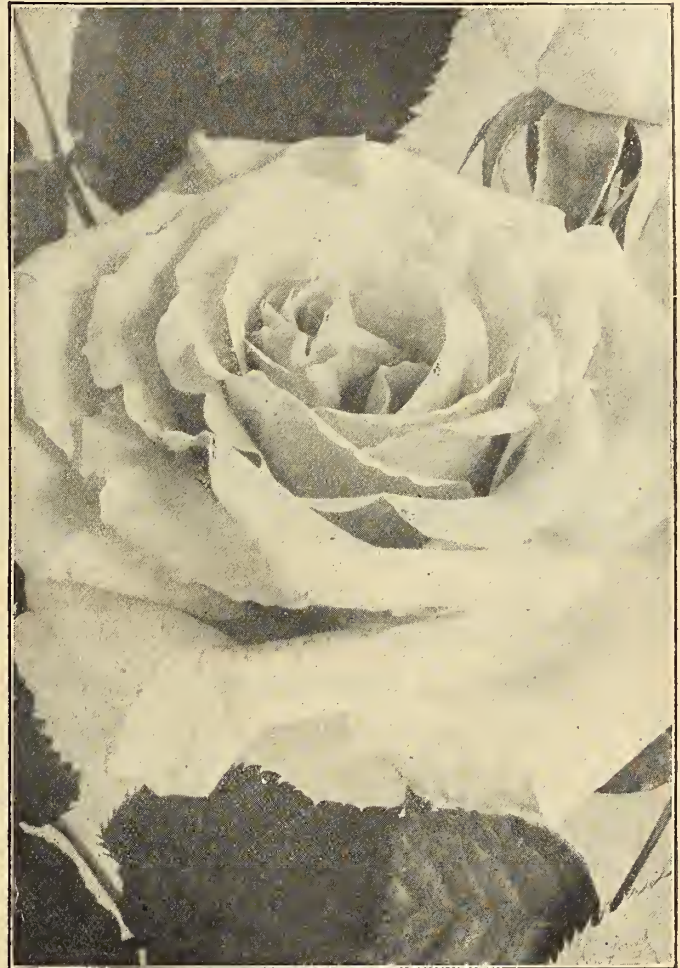
	Each	100
American Beauty. Deep pink; very fragrant....	.40	35.00
American Pillar. Single; rich pink, white centre	.35	30.00
Aviator Bleriot. Improved yellow Rambler.....	.40	35.00
Crimson Rambler. The well known variety.....	.35	30.00
Dorothy Perkins. Pink; very fragrant.....	.35	30.00
Excelsa. The improved Crimson Rambler.....	.35	30.00
Flower of Fairfield. The best crimson of the		
Rambler type .....	.35	30.00
Gloire de Dijon. Salmon pink.....	.40	35.00
Hiawatha. Single brilliant scarlet, with a yellow		
circle around the centre.....	.35	30.00
Kaiserin Augusta Victoria. White; free bloomer.	.40	35.00
Killarney Pink. Delicate soft pink.....	.40	35.00
Lady Ashtown. Delicate pink, slightly traced		
yellow .....	.40	35.00
La France. Satiny rose; reflexed petals.....	.40	35.00
Lady Gay. Cherry pink, changing to soft white..	.35	30.00
Silver Moon. Pure white; gigantic flowers.....	.50	40.00
Tausendschoen. Soft rosy pink, changing to car-		
mine .....	.35	30.00
White Dorothy Perkins. The best white Rambler	.35	30.00

DWARF RAMBLER VARIETIES

	Each	100
Anchen Muller. Brilliant rose pink.....	.30	25.00
Cecile Brunner. Soft pink on white ground.....	.35	30.00
Constance. Orange yellow, streaked with crimson	.50	40.00
Ellen Poulson. Bright rose; fragrant.....	.35	30.00
Erna Teschendorff. The true Scarlet Baby Rambler	.30	25.00
Geo. Elger. Coppery yellow.....	.35	30.00
Jessie. Bright orange red; almost single.....	.30	25.00
Katherine Zeimet. Pure white; with yellow sta-		
mens .....	.30	25.00
Louise Walter. Soft blush pink.....	.30	25.00
Mme. Jules Gouchalt. Bright vermilion, shaded		
orange .....	.35	30.00
Mme. Norbert Levasseur (Crimson Baby Rambler)	.30	25.00
Mrs. W. Cutbush (Pink Baby Rambler). Cerise pink	.30	25.00
Orleans. Rich brilliant red, turning to pink.....	.30	25.00
Phyllis. Beautiful carmine pink.....	.30	25.00
Yvonne Rabier. Pure white; free bloomer.....	.30	25.00

STANDARD OR TREE ROSES

	Each	100
Dorothy Perkins. Pink; very fragrant.....	.75	60.00
Excelsa. Intense crimson maroon.....	.75	60.00
Frau Karl Druschki. Pure white.....	.75	60.00
Gruss an Teplitz. Crimson red; coppery foliage.	.75	60.00
Hiawatha. White and pink.....	.75	60.00
J. B. Clark. Scarlet, shaded crimson.....	.75	60.00
Kaiserin Augusta Victoria. Pure white; blooms		
all summer .....	.75	60.00
Killarney. Delicate pink, with a deeper pink inside	.75	60.00
La France. Satiny rose; reflexed petals.....	.75	60.00
Mme. Caroline Testout. Bright satiny rose.....	.75	60.00
Mrs. Aaron Ward. Deep Indian yellow.....	.75	60.00



Hybrid Perpetual Rose, "Mrs. Jno. Laing"

STANDARD OR TREE ROSES Continued

	Each	100
Paul Neyron. Deep rose pink.....	\$0.75	\$60.00
Ulrich Brunner. Bright cherry red.....	.75	60.00
Tausendschoen. Soft pink, changing to rosy car-		
mine .....	.75	60.00

HALF STANDARD ROSES

We recommend this type of Roses very highly on account of the flowering effect they produce.

	Each	100
Betty. Coppery rose, shaded yellow.....	\$1.25	
British Queen. Pure white; exceptionally fine.....	1.25	
General McArthur. Deep scarlet.....	1.25	
Geo. Dickson. Velvety black crimson.....	1.25	
Mme. Caroline Testout. Bright satiny rose.....	1.25	
Mme. Edouard Herriot. Coral red, shaded yellow....	1.25	
Mme. Ravary. Deep nankeen yellow.....	1.25	
Mrs. Geo. Sawyer. Clear pink.....	1.25	
Richmond. Rich crimson.....	1.25	

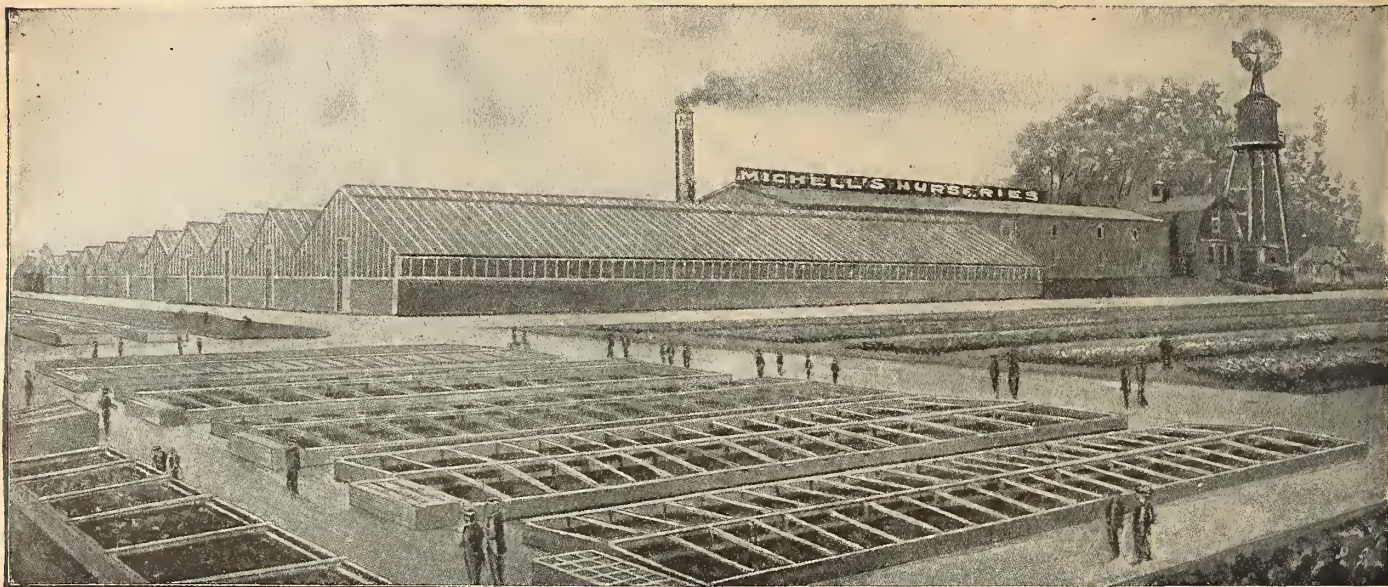
MISCELLANEOUS ROSES

	Each	100
Blanche Moreau (Moss). Pure white.....	.35	30.00
Crested Moss. Deep rose pink.....	.35	30.00
Crimson Globe (Moss). Rich deep crimson.....	.35	30.00
Juliet (Briar). Rich vermilion red, reverse of		
petals old gold.....	.35	30.00
Persian Yellow (Briar). Rich deep yellow.....	.35	30.00
Soleil d'Or (Briar). Golden orange.....	.35	30.00
Rosa Rugosa Double White. Pure white.....	.35	30.00
" " Single Red. Crimson carmine.....	.30	25.00
" " Single White. Pure white.....	.30	25.00
" " Double Pink (Con. F. Meyer).....	.35	30.00
Wichuriana. Single white.....	.35	30.00
Wichuriana Gardenia. Bright yellow.....	.35	30.00

Roses ship best by express or freight. No plants sent C. O. D.

(hi)

MICHELL'S HARDY PERENNIAL PLANTS



Partial View of Greenhouses and Frame Yard—Michell's Plant Establishment, Andalusia, Pa.

Every florist who has ground around his establishment should plant some varieties of Perennials, especially those kinds which furnish bloom in summer for design and bouquet work.

Michell's Publication—Hardy Perennials and How to Grow Them

An interesting book will be mailed free to applicants. While compiled primarily for the amateur, it makes interesting reading for the experienced florist.

SPECIAL NOTE.—No order for plants that does not aggregate \$1.00 or more will be filled at wholesale prices; such will be charged at retail prices less 10%.

It is not at all surprising that these grand old-fashioned garden flowers are to-day enjoying the greatest popularity, because there is not a time during the spring, summer and autumn in which some hardy perennial is not in bloom. During the past season we have added considerably to our list of varieties, and omitted some which were superseded by better sorts. The soil in our nurseries is especially adapted for producing this class of stock. Give us a trial order in this line, and we feel sure that you will be pleased.

Achillea (Sneezewort)

	Doz.	100
Boule de Neige. Pure white.	\$1.00	\$7.25
Cerise Queen. Rich amaranth	1.00	7.25
Eupatorium. Brilliant yellow	1.00	7.25
Ptarmica Fl. Pl. ("The Pearl").		
Pure white	1.00	7.25
Ptarmica Grandiflora Fl. Pl.		
Very large; pure white.	1.50	10.00

Aconitum (Monk's Hood)

Fischeri. Pale blue.	1.75	12.00
Lycotomum. Pale yellow.	1.75	12.00
Napellus. Dark blue.	1.75	12.00
Sparks Variety. Dark blue.	1.75	12.00
Wilsoni. Violet blue.	1.75	12.00

Adenophora

Potanini. Light blue.	1.25	8.50
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Adonis (Bird's Eye)

Amurensis. Single yellow.		
Each, 40c.	4.00	
Amurensis Fl. Pl. Double yellow		
Each, 40c.	4.00	
Vernalis. Yellow	1.75	12.00

Aegopodium (Bishop's Weed)

Podagraria Variegata. Green and yellow variegated foliage	1.25	8.50
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Aetheopappus (New)

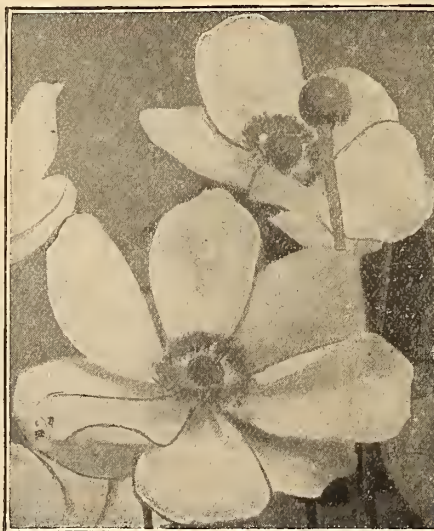
Pulcherrimus. Brilliant rose.	1.75	12.00
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Agrostemma (Rose Campion)

	Doz.	100
Coronaria. Bright crimson.	\$1.00	\$7.25
Coronaria Alba. White.	1.00	7.25
Flos Jovis. Deep pink.	1.00	7.25

Alyssum (Madwort)

Rostratum. Golden yellow.	1.20	8.50
Saxatile Comp. Rich yellow.	1.00	7.25



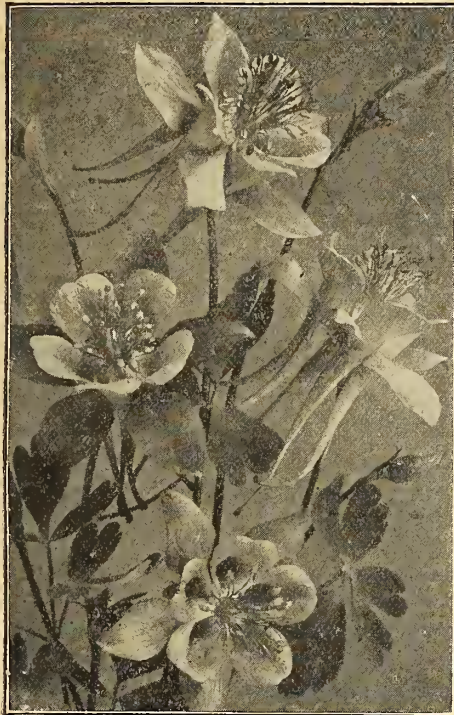
Anemone or Windflower

Anemone (Windflower)

	Doz.	100
Alba. Pure white.	\$1.20	\$8.00
Alice. Brilliant pink.	1.75	12.00
Coupe d'argent. Double white	1.75	12.00
Enchantment (New). Double, cream white, shaded pink.	2.00	15.00
Geante Blanche. Single, pure white	1.75	12.00
Kriemhilde. Semi-double rose pink	1.75	12.00
Loreley. Mauve pink.	1.75	12.00
Prince Henry. Double, rich pink	1.20	8.50
Purpurine. Semi-double, rose	1.75	12.00
Queen Charlotte. Semi-double pink	1.20	8.50
Rubra. Rosy red.	1.20	8.50
Whirlwind. Semi-double, white	1.20	8.50
Mignon. Semi-double; white shaded pink	2.50	17.50
Charmeuse. Double carmine rose	2.50	17.50
Lady Ardilaun. Semi-double; pure white	2.00	15.00
Hupensis (New). Mauve-pink	2.00	15.00
Pennsylvanica. White	1.20	8.50

Anchusa (Sea Bugloss)

Italica Dropmore. Bright blue	1.75	12.00
Myosotidaeflora. Rich blue.	1.75	12.00
Opal. Pale blue	1.75	12.00



Aquilegia or Columbine

Anthemis (Marguerite)

	Doz.	100
<i>Tinctoria</i> . Golden yellow....	\$0.85	\$6.00

Anthericum (St. Bruno's Lily)

<i>Lilium</i> . White	2.00	15.00
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Aquilegia (Columbine)

<i>California Hybrids</i> . Mixed..	1.20	8.50
<i>Canadensis</i> . Red and yellow	1.20	8.50
<i>Chrysantha</i> . Yellow	1.20	8.50
<i>Chrysantha Alba</i> . White....	1.20	8.50
<i>Coerulea</i> . Blue and white; long spurred	1.20	8.50
<i>Haylodgensis</i> . Satiny rose...	1.50	10.00
<i>Erskine Park Hybrids</i> . Mixed	1.20	8.50
<i>Nivea Grandiflora</i> . Pure white; long spurred.....	1.20	8.50
<i>Rose Queen</i> . Delicate pink..	1.20	8.50
<i>Flabellata Nana Alba</i> . Dwarf; pure white	1.20	8.50
<i>Helenae</i> . Blue, white spurs..	1.20	8.50

Arenaria

<i>Montana</i> . White	2.00	15.00
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Arabis (Rock Cress)

<i>Alpina</i> . Pure white	1.00	7.25
<i>Alpina Fl. Pl.</i> Double white..	1.50	9.00
<i>Alpina Rosea</i> . Rose pink....	1.50	10.00

Armeria (Sea Pink)

<i>Maritima</i> . Rosy pink.....	1.00	7.25
<i>Maritima Alba</i> . White	1.00	7.25
<i>Leucheana Alba</i> . Pure white.	2.00	15.00
<i>Leucheana Rosea</i> . Pink.....	2.00	15.00

Artemisia

<i>Abrotanum (Old Man)</i>	1.00	7.25
<i>Lactiflora</i> . Creamy white....	1.75	12.00
<i>Pedemontana</i> . Silvery foliage	1.00	7.25
<i>Stellariana (Old Woman)</i>	1.00	7.25

Asclepias (Butterfly Weed)

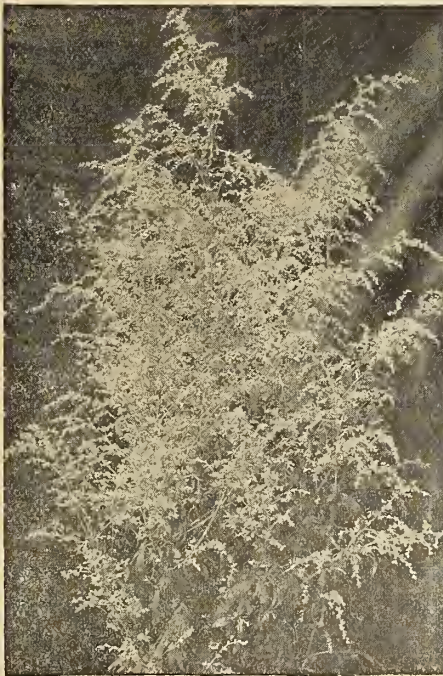
<i>Incarnata</i> . Rose pink.....	1.00	7.00
<i>Tuberosa</i> . Orange	1.00	7.00

Asters (Hardy)

<i>Abendrothe (Evening Glow)</i> . Doz.	100
Rosy red	\$1.75 \$12.00
<i>Advance</i> . Clear blue, yellow disc	1.50 10.00
<i>Amellus (Perry's Pink)</i> . Rose	1.50 10.00
<i>Amethystinus</i> . Amethyst blue	1.50 10.00
<i>Beauty of Colwall</i> . Lavender	1.50 10.00
<i>Beauty of Ronsdorf</i> . Lilac rose	1.50 10.00
<i>Climax (New)</i> . Clear blue, golden centre	2.00 12.00
<i>Ericoides Alba</i> . White; heath- er-like foliage	1.50 10.00
<i>Feltham Blue</i> . Sky blue.....	1.20 8.00
<i>Grandiflorus</i> . Violet	1.75 12.50
<i>Lady Trevelyan</i> . Pure white	1.50 10.00
<i>Queen (New)</i> . Pure white...	2.00 15.00
<i>Robert Parker</i> . Lavender...	1.20 8.00
<i>St. Edwin</i> . Pink.....	1.20 8.00
<i>Marjorie Hickman</i> . Silvery mauve	2.00 15.00
<i>Photograph</i> . White, shaded lavender	2.00 15.00
<i>Parmacoides</i> . Dwarf; pure white	1.20 8.00

Astilbe

<i>Davidii</i> . Violet rose.....	1.75 12.00
<i>Grandis</i> . White	1.75 12.00



Artemisia Lactiflora

Astilbe Arendsi

	Each	Doz.
<i>Ceres</i> . Lilac rose	\$0.30	\$3.00
<i>Juno</i> . Deep violet .....	.30	3.00
<i>Salmon Queen</i> . Salmon pink	.30	3.00
<i>Venus</i> . Purplish pink.....	.30	3.00
<i>Vesta</i> . Light lilac rose.....	.30	3.00

Aubrietia (Wall Cress)

	Doz.	100
<i>Graeca</i> . Deep purple	\$1.20	\$8.00
<i>Leichtlini</i> . Bright crimson..	1.20	8.00
<i>Bougainvillei</i> . Purple	1.20	8.00

Baptisia (False Indigo)

	Doz.	100
<i>Australis</i> . Dark blue	\$1.20	\$8.50
<i>Tinctoria</i> . Bright yellow....	1.25	8.25

Bellis Perennis (Daisy)

	Doz.	100
<i>Monstrosa White</i>	\$0.85	\$6.00
" Pink85	6.00

Bocconia (Plume Poppy)

<i>Cordata</i> . Creamy white.....	1.20	8.25
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Boltonia (False Chamomile)

<i>Asteroides</i> . Pure white.....	1.00	7.00
<i>Latisquama</i> . Pink, tinted lav- ender	1.00	7.00
<i>Latisquama Nana</i> . Pink tinted lavender	1.00	7.00

Buddleia (Butterfly Bush)

<i>Variabilis Magnifica</i> . Lilac..	1.50	10.00
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Calimeris (Starwort)

<i>Incisa</i> . Pale blue	1.75	12.00
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Callirhoe (Poppy Mallow)

<i>Involucrata</i> . Crimson, white centre	1.20	8.00
<i>Lineariloba</i> . Crimson and white	1.20	8.00

Caltha (Marsh Marigold)

<i>Palustris</i> . Yellow	1.20	8.25
<i>Palustris Fl. Pl.</i> Double, yel- low	1.50	10.00
<i>Palustris Semi-plena</i> . Semi- double, yellow	1.50	10.00

Carnation

<i>Hardy Border Varieties</i> , mixed	1.50	10.00
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Caryopteris (Blue Spiraea)

<i>Mastacanthus</i> . Lavender blue	1.50	10.00
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Cassia (American Senna)

<i>Marilandica</i> . Bright yellow..	1.20	8.50
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Catananche (Everlasting Flowers)

<i>Bicolor</i> . Blue and white.....	1.20	8.50
<i>Coerulea</i> . Bright blue.....	1.20	8.50



Hardy Aster

74 MICHELL'S EARLY FLOWERING CHRYSANTHEMUMS

FOR POT PLANTS, GROWING ON BENCHES OR OUTDOORS. A SPLENDID NOVELTY

For growing outdoors, as bench plants indoors or as pot plants, this type is truly marvelous for results. There is a grace and beauty to them not possessed by the large flowering types of greenhouse chrysanthemums, consequently they are much in demand for decorative effects on tables which cannot easily be made by the large flowering sorts. Our exhibit of over 100 varieties of Hardy Chrysanthemums, including the early flowering sorts, was much admired at the Chrysanthemum Show November, 1916, at Philadelphia, and gave many an idea of the effects obtained by this type.

The varieties of these, which we list, are the cream of European sorts, and are a wonderful advance on the popular Pompon types. The blooms of most kinds measure as much as $3\frac{1}{2}$ to 4 inches across, and if disbudded, form handsome specimen blooms on long stems. The plants grow in compact form and are usually covered with bloom.

SUGGESTION.—While generally conceded to be hardy we recommend a slight protection of long straw manure over the roots of these Chrysanthemums during the winter months, or better yet, after they have finished blooming cut the plants down, lift them and place in a cool cellar (light and airy) or in a cool frame and set out in the spring.



Normandie

A. Barham. A beautiful orange bronze, and the earliest of this color to bloom. A wonderful color under artificial light, when used as a decoration.

Almirante (New). Orange buff at base of petals; shading to primrose yellow at edge of petals; a large fine flower which when disbudded, is often 6 in. across; 20c. each; \$2.00 doz.; \$12.00 per 100.

Blanche Neige (New). Pure white, a splendid flower; excellent for cutting; greatly recommended; September-October; $2\frac{1}{2}$ feet; 20c.; \$2.00 doz.; \$12.00 per 100.

Carrie. An old favorite; deep yellow; very prolific.

Champagne. Rich, ruby red; of wonderful free-flowering habit. It is among the later varieties, starting to flower early in October and lasting until mowed down by frost.

Chatillon (New). Citron-yellow with a slight reddish tinge, which gives the flower a charming appearance. Very and vigorous grower. September-October; 20c. each; doz., \$2.00; \$12.00 per 100.

Cranfordia. We can strongly recommend this variety for cutting. It is perfect in flower, stem and foliage. Very free flowering; color lemon yellow.

Cranford's Pink. An exquisite shade of mallow pink. The plant has a stiff branching habit. When cut in long sprays it is a wonderful sight. Early October. 20c. each; doz., \$2.00; \$12.00 per 100.

Cranford's Yellow (New). A magnificent golden yellow; flowering in October; a strong flower and very free; 20c.; \$2.00 doz.; \$12.00 per 100.

Eden. Bright rose with silver reverse; large, well-formed, incurved flowers; free-flowering.

Ethel Blades. A distinct shade of chestnut red, in fact the color is so unique that it is difficult to appreciate, unless one actually sees it in bloom.

Fee Parisienne (New). Flower mallow-purple, $3\frac{1}{2}$ inches in diameter, freely produced; florets long and drooping, incurved in the centre. Middle of September. A very distinct variety. 20c. each; doz., \$2.00; \$12.00 per 100.

Firelight. Brilliant carmine, shaded with scarlet; ready for cutting October 1st.

Goachers Crimson. This variety grows about $2\frac{1}{2}$ feet high. When disbudded, the rich crimson blooms are often 5 in. in diameter. It begins to bloom early in September.

Hortense Malgot. Color a magnificent pink. A strong grower, producing freely large clusters of flowers early in October.

L'Argenteuillais. A splendid grower, bearing magnificent flowers of a glowing shade of chestnut red.

La Garonne (New). Reddish salmon, tinted old rose; very free, large flowering; 2 feet; September-October; 20c. each; \$2.00 doz.; \$12.00 per 100.

La Parisienne. A very large white type, producing extra fine flowers, blooming towards the end of September.

Marie Dufour. Grows one foot high; is absolutely snow-white in color. The showiest variety for use as a border and makes an ideal pot plant.

Martin Reed (New). Pure yellow sport from Perle Chatillonaise. The best early flowering yellow yet offered. 20c. each; doz., \$2.00; \$12.00 per 100.

Normandie. Delicate pink of a lovely shade. One of the earliest, beginning in August and lasting well into October.

Perle Chatillonaise. Flower creamy white; 4 inches in diameter and freely produced.

Petit Louis. Beautiful silvery mauve. Plant is a very strong grower, and one of the most satisfactory varieties for outdoor cultivation.

Primavere. Flowers pale lemon yellow when young, becoming cream when fully expanded; plant forming a good, round headed bush. October.

Provence. Beautiful rose color, with a golden centre, forming a large imbricated bloom; of splendid branching habit and a vigorous grower; September-October; $2\frac{1}{2}$ feet.

PRICE (except where noted) of any of the Chrysanthemums on this page in $2\frac{1}{2}$ in. pot plants ready April 1st. Doz., \$1.25; \$8.00 per 100.



Cranford's Pink

MICHELL'S HARDY CHRYSANTHEMUMS

75

NEW AND IMPROVED HARDY POMPON VARIETIES

- Baldwins Scarlet.** The nearest approach to scarlet; strong and robust.
- Harvest Moon.** Clear golden yellow; end of October. Excellent cut flower variety.
- Illona.** Rosy lavender. Matures November 10th.
- Lilian Doty.** Clear light pink. October 20th.
- Neola.** Shell pink, changing to white. November 15th.
- Nippon.** Flesh white, with light yellow centre. Nov. 1st.
- Niza.** Delicate pink; medium dwarf. October 10th.
- Nordi.** Pure white. November 10th.
- Peace.** White, slightly tinged pink. November 10th.
- Rodi.** Purplish rose or amaranth. November 1st.
- Western Beauty.** Deep rose pink. November 15th.
- White Doty.** Pure milk white. Very hardy; does splendid outdoors or in the greenhouse.
- Price of the above New and Improved Sorts, 2½ in. pot plants, \$1.50 per doz.; per 100, \$10.00.

GENERAL COLLECTION OF HARDY POMPON VARIETIES

- Baby.** The smallest yellow grown. Very late.
- Baby Margaret.** A white sport of Baby.
- Bronze Source d'Or.** One of the so-called decorative varieties. Color, a deep golden bronze.
- Barney.** Golden bronze, medium size flower.
- Dawn.** Daybreak shade of pink, small flowered variety.
- Doris.** Reddish bronze, a color always in demand.
- Eldorado.** Bright golden yellow, open centre.
- Excelsior.** Large flower, bright orange yellow, long stems.
- Elva.** The most beautiful of white Pompons, pure in color, of full fluffy form.
- Eleganta.** Deep pink, shaded white, medium size flowers.
- Fairy Queen.** Clear pink in color with nicely formed flowers, medium size. A very fine mid-season variety.
- Golden Climax.** Orange yellow. Blooms Nov. 10th to 20th.
- Golden Harvest.** A medium sized variety of the button type. Deep golden yellow with a tinge of bronze.
- Golden West.** A duplicate of the yellow baby, except it is twice as large. An excellent variety for pot plants.
- Irene.** Pure white, shaded flesh, dwarf grower, very free and early bloomer, also excellent for pot plants.
- Iva.** Small flowers of deep bronze, mid-season.
- James Boone.** Pure white, very fine.
- Julia Lagravere.** Crimson maroon in color, and very late.
- Leota.** Delicate pink with bright rose reverse.
- Lillia.** Tall, stiff stems, good size flowers, freely produced, deep red in color, excellent for cut sprays.
- Lula.** White in color, medium size flowers, late.
- Lyndhurst.** Small flowers, very deep red, mid-season. The best variety of this color for outdoors.
- Minta.** A very free flowering, light pink.
- Mrs. Frank Beu** (Syn. Frank Wilcox, Souvenir d'Or). Golden bronze, coming into bloom late. Makes a very fine pot plant, and is excellent for cutting for Thanksgiving.
- Mrs. Porter.** Bright bronze, fine for cut flowers.
- Myers' Perfection.** Fine pure white, tall grower.
- Nesco.** Old rose in color, maturing about October 20th. Flower of button type.
- Nellie Rainsford.** Very dwarf, light pink. Free and early flowering.
- Overbrook.** Very free flowering; golden yellow; button type; early.
- Orange Pet.** Pretty shade of orange terra-cotta; flowering the early part of October.
- Pink Beauty.** Rose pink flowers of medium size.
- Queen of the Whites.** Fine creamy white, best in its color.
- Quinola.** Large flowers, golden yellow in color. Late.
- Rufus.** Small flower, button type, reddish bronze in color.
- Skibo.** Earliest of all, opens bronze, maturing into yellow.
- Utan.** Light magenta, edged white, producing five or six flowers of wonderful substance to a spray.
- Viola.** Rich violet red.
- Varieties marked * are especially recommended for outdoor growing.
- Price of any of the above General Collection Hardy Chrysanthemums, 2½-inch pots, 75c. doz.; per 100, \$4.75; \$40.00 per 1000.



Hardy Chrysanthemums "Western Beauty"

NEW SINGLE VARIETIES

We take great pleasure in announcing that, after conducting trials with a number of seedlings of our own raising during the past few years, we are able, this season, to offer three new varieties, which, we feel confident, will fill a long felt want. For vigorousness of growth, freedom of flowering, and decorative effect in the garden, they are unsurpassed. They produced an abundance of fine flowers on good cutting sprays from October 10th to Nov. 20th. The three following varieties were submitted to the Chrysanthemum Society of America, and received very favorable reports from the examining committee.

- Delicata** (Michell 1917). Cameo pink, large flowered.
- Gorgeous** (Michell 1917). Glowing Daphne red, medium sized flowers.
- Rosamundi** (Michell 1917). Persian lilac, shading to tourmaline pink. Large flowered.

We also strongly recommend the above three varieties for growing in pots for conservatory or store decoration. They will produce flowers the first part of October.

Price of the above three varieties, 2½-inch pots, \$2.00 doz.; per 100, \$12.50.

GENERAL COLLECTION OF SINGLE VARIETIES

- Aaron.** Bronze scarlet with a bright yellow centre.
- Miss Mary Pope.** Pale pink, large flowers, one of the best.
- Mrs. Whitehorn.** Salmon terra-cotta, an excellent keeper, and one of the best cut flower varieties.
- Mrs. W. E. Buckingham.** In color, a brilliant shade of rose pink, a vigorous grower.
- Red Riding Hood.** Brilliant crimson flowers of good size, developing fully in early October. A splendid variety for cut sprays.
- Price of any of the above General Collection of Hardy Single Chrysanthemums, 2½-inch pots, 75c. doz.; per 100, \$4.75; \$40.00 per 1000.

MICHELL'S HARDY PERENNIAL PLANTS



Dielytra or Bleeding Heart

Campanula (Bell Flower)

	Doz.	100
<i>Alliariaefolia</i> . Pure white...	\$1.20	\$8.50
<i>Calycanthema</i> . Pink.....	1.50	10.00
" White	1.50	10.00
" Blue	1.50	10.00
<i>Carpatica Coerulea</i> . Clear blue	1.20	8.50
<i>Carpatica Alba</i> . Pure white..	1.20	8.50
<i>Latifolia Macrantha</i> . Lilac and		
purple	1.20	8.50
<i>Media</i> . Pink	1.20	8.50
" White	1.20	8.50
" Blue	1.20	8.50
<i>Moerheimi</i> . Pure white.....	2.00	15.00
<i>Persicifolia Grand. Coerulea</i> .		
Blue	1.50	10.00
<i>Persicifolia Grand. Alba</i> .		
White	1.50	10.00
<i>Pyramidalis Coerulea</i> . Blue.	1.50	10.00
<i>Pyramidalis Alba</i> . White....	1.50	10.00
<i>Trachelium</i> . Purple	1.20	8.50

Cedronella

<i>Cana</i> . Pale purple	1.20	8.50
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Centaurea (Perennial Cornflower)

<i>Dealbata</i> . Bright rose.....	1.20	8.50
<i>Macrocephala</i> . Yellow	1.20	8.50
<i>Montana</i> . Rich violet blue..	1.20	8.50
<i>Montana Alba</i> . Pure white.	1.20	8.50

Cerastium (Mouse Ear)

<i>Tomentosum</i> . Yellow	1.20	8.50
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Chamaepeuce (Blessed Thistle)

<i>Diacantha</i> . Crimson flowers.	1.20	8.50
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Chelone (Shell Flower)

<i>Glabra Alba</i> . White.....	1.75	12.00
<i>Lyoni</i> . Soft pink	1.75	12.00
<i>Lyoni Speciosa</i> . Dwarf; light		
pink	1.75	12.00

Chrysanthemum (Daisy)

<i>Alaska</i> . Pure white	1.75	12.00
<i>Arcticum</i> . Pure white	1.75	12.00
<i>Leucanthemum Davisii</i> . Pure		
white, yellow disc	1.75	12.00
<i>Maximum Vermorensis</i> . White	1.75	12.00
<i>Shasta Daisy</i> . Pure white...	1.20	8.50

Chrysanthemums

(Pompon Sorts, see page 75)
(English Hardy Sorts, see page 74)

Cimicifuga (Snake Root)

	Doz.	100
<i>Dahurica</i> . Cream white	\$1.50	\$10.00
<i>Racemosa</i> . Pure white	1.50	10.00
<i>Simplex</i> . White	2.50	17.50

Clematis (Shrubby)

<i>Davidiana</i> . Blue	1.20	8.50
<i>Recta</i> . White	1.75	12.00
<i>Recta Fl. Pl.</i> Double white..	2.50	17.50

Coreopsis

<i>Lanceolata Grand.</i> Yellow...	1.00	7.00
<i>Verticillata</i> . Golden yellow..	1.00	7.00

Coronilla (Crown Vetch)

<i>Varia</i> . Bright pink and white	1.20	8.00
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Delphinium (Larkspur)

(See page 77)

Dianthus (Garden Pink)

<i>Deltioides</i> . Pink	1.00	7.25
<i>Deltioides Albus</i> . White.....	.90	6.00
<i>Latifolius Atroc. Fl. Pl.</i> Crim-		
son	1.00	7.25



Digitalis or Fox Glove

Dictamnus (Gas Plant)

	Doz.	100
<i>Caucasica</i> . Rose pink.....	\$1.75	\$12.00
<i>Fraxinella</i> . White	1.50	9.00
<i>Fraxinella</i> . Pink	1.50	9.00

Dielytra (Bleeding Heart)

<i>Formosa</i> . Pink	1.25	8.00
<i>Spectabilis</i> . Pink and white.	1.25	8.00

Digitalis (Fox Glove)

<i>Grandiflora</i> . Yellow	1.00	7.50
<i>Lilac</i>	1.00	7.50
<i>Pink</i>	1.00	7.50
<i>Purple</i>	1.00	7.50
<i>White</i>	1.00	7.50
<i>Lanata</i> . Grayish white	1.00	6.50

Doronicum (Leopard's Bane)

	Doz.	100
<i>Caucasicum</i> . Bright yellow..	\$1.50	\$10.00
<i>Clusii</i> . Rich yellow.....	1.50	10.00
<i>Plantagineum Excel.</i> Orange	1.50	10.00

Echinops (Globe Thistle)

<i>Ritro</i> . Blue	1.65	12.00
<i>Ruthenicus</i> . Blue	1.65	12.00
<i>Sphaerocephalus</i> . White	1.65	12.00

Edelweiss (Alpine Plant)

<i>Leontopodium</i> . Grayish white	2.00	15.00
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Epimedium (Bishop's Head)

<i>Alpinum</i> . Reddish violet....	1.65	12.00
<i>Bicolor</i> . Red and yellow....	1.65	12.00
<i>Niveum</i> . Pure white.....	1.65	12.00
<i>Sulphureum</i> . Sulphur yellow	1.65	12.00

Eremurus

<i>Himalaicus</i> . White. Each, 80c.		
<i>Robustus</i> . Peach colored. Each,	80c.	

Erigeron (Flea Bane)

	Doz.	100
<i>Asa Gray</i> . Apricot.....	\$2.00	\$15.00
<i>Glabellus</i> . Light blue.....	1.50	10.00
<i>Grandiflorus Elatior</i> . Lilac..	1.50	10.00
<i>Intermedium</i> . Pink	1.50	10.00

Erinus

<i>Alpinus Carmineus</i> . Rose...	1.20	8.00
<i>Alpinus Carmineus Albus</i> .		
White	1.20	8.00

Eryngium (Sea Holly)

<i>Amethystinum</i> . Amethyst-		
blue	1.50	10.00
<i>Planum</i> . Light blue	1.50	10.00

Eupatorium

<i>Ageratoides</i> . Blue	1.20	8.50
<i>Coelestinum</i> . Light blue.....	1.20	8.50
<i>Purpureum Maculatum</i> . Pur-		
ple	1.20	8.50

Euphorbia (Milkwort)

<i>Cyparissias</i> . Bright yellow..	1.20	8.50
<i>Polychroma</i> . Yellow	1.50	10.00
<i>Corollata</i> . White	1.50	10.00



Dianthus or Hardy Pinks

Michell's Gorgeous Hardy Delphiniums

77

AN IMPORTANT SUMMER CUT FLOWER WITH THE PROGRESSIVE FLORIST

Every florist who has a hardy garden or an unoccupied space in the flower garden should plant some Delphiniums. The wonderful display they make through the entire summer, until frost checks them, is hard to describe; in fact, it must be seen to be appreciated. Hardy Larkspurs play an important part in all perennial plantings. In order to keep Larkspurs in bloom continuously during the summer, cut the old flower stems off, after they have faded, and new shoots will produce flower heads successfully. To get the best out of hardy Larkspurs in the way of flowers, feed them occasionally during the growing season with an application of ground bone.

Bella Donna. The freest and most continuous blooming of all. The clear turquoise-blue flowers are not surpassed by any other variety. Doz., \$1.75; \$12.50 per 100.

Belladonna Semi-Plena. The finest of all light blue Larkspurs. The majestic spikes are covered with flowers of gigantic size, the latter appearing in several rows on the stem. 20c. each; doz., \$2.00; \$15.00 per 100.

Capri. The origin of this variety is from the same source as the wonderful sort Moerheimi, to which it is an elegant companion. The immense sky blue flowers are a rich attraction. It is a free and continuous bloomer. Extra strong plants. Doz., \$3.00; \$22.50 per 100.

Chinense Album. Same as below in white. Doz., \$1.00; \$7.00 per 100.

Chinense Azureum. Plants grow but 2 feet tall, branch freely, each branch terminating with a loose spray of single flowers; color, a deep clear blue. Doz., \$1.00; \$7.00 per 100.

Formosum. Dark blue, white centre, spikes 3 to 4 feet tall, vigorous; free blooming. Doz., \$1.00; \$7.00 per 100.

Formosum Coelestinum. Most beautiful heavenly blue, immense flowers. Doz., \$1.00; \$7.00 per 100.

Hugo Poortman (New). Enormous semi-double flowers of a beautiful pale blue color. 35c. each; doz., \$3.50.

Johannesburg Semi-double; delicate sky-blue with rose sheen; tall growing; free bloomer. 35c. each; doz., \$3.50.

King of Delphiniums. Remarkably strong, vigorous plants with flowers of gigantic size, semi-double, deep blue with white eye. 35c. each; doz., \$3.50.

K. Th. Caron. Bright gentian blue, with white centre; the white eye is very prominent and distinct. \$2.50 doz.; per 100, \$20.00.

La Martine. The single, dark blue flowers are densely arranged on tall, erect stems. It is one of the most decorative of the hardy Larkspur. Doz., \$2.00; \$14.00 per 100.

Lilacina. Splendid variety; rosy lilac, with white centre. 35c. each; doz., \$3.50.

Lizzie. Fine, tall, well-branched; spikes of single flowers, often 2 inches across; color azure blue, with a distinct yellow eye. Doz., \$2.50; \$20.00 per 100.

Moerheimi. The only real pure white hardy Larkspur. It grows 3 to 4 feet high, and flowers continuously from June until autumn, and produces more spikes on a single plant than any other variety. The side stems themselves are often over two feet long. These qualities make it one of the best varieties for cutting. The flowers are of the purest white. 25c. each; doz., \$2.50; \$17.50 per 100.

Mrs. Thompson. Deep blue flowers, each with a large, white eye. It blooms with wonderful freedom and produces spikes of medium length, with dense flower heads. 20c. each; doz., \$2.00; \$14.00 per 100.

Nassau. The flower heads appear all season uninterruptedly, the individual single blooms are very large, often 2 inches across; the shade is a clear heavenly blue. The plant grows frequently 4½ to 5 feet high and is very stately. 25c. each; doz., \$2.75; \$20.00 per 100.

Persimmon. Of handsome form, with strong, erect spikes of large, single flowers of a lovely sky blue shade, with a creamy white eye; a real improvement on Belladonna. Doz., \$2.50; \$20.00 per 100.



Delphinium "King of Delphiniums"

Queen Wilhelmina. A variety of great merit and a recent introduction. The gigantic flower spikes are laden with light lavender-blue flowers, which are shaded rose. A distinct white eye in each floret sets it off wonderfully. 25c. each; doz., \$2.50; \$20.00 per 100.

Theodora. The flower is a real azure blue; the individual blossoms are loosely arranged on tall, erect spikes; a very fine variety. On account of its distinct shade of blue it will be appreciated by all who are fond of hardy Larkspurs. 20c. each; doz., \$2.00; \$14.00 per 100.

Gold Medal Hybrids, Mixed. No finer strain has ever been produced; the plants we offer are a re-selection from a choice collection. Doz., \$1.50; \$9.00 per 100.

Michell's Superb Hybrids. These are the cream of seedlings from a famous strain of English varieties, comprising all the shades of blue. \$2.00 doz.; per 100, \$15.00.

Plants travel best by express or freight. No plants shipped C. O. D.

(hi)

MICHELL'S HARDY PERENNIAL PLANTS



Gaillardia

Ferns (Hardy)

	Doz.	100
<i>Adiantum Pedatum</i>	\$1.75	\$12.00
<i>Aspidium Acrostichoides</i> ...	1.20	8.50
" <i>Cristatum</i>	1.75	12.00
" <i>Marginale</i>	1.50	10.00
" <i>Thelypteris</i>	1.20	8.50
<i>Dicksonia Punctilobula</i>	1.20	8.50
<i>Onoclea Sensibilis</i>	1.20	8.50
<i>Onoclea Struthiopteris</i>	1.75	12.00
<i>Osmundi Claytonia</i>	1.75	12.00
<i>Osmundi Cinnamomae</i>	1.75	12.00
<i>Osmundi Regalis</i>	1.75	12.00
<i>Osmunda Gracilis</i>	1.75	12.00
<i>Polystichum Vulgaris</i>	1.75	12.00

Feverfew (Matricaria)

<i>Little Gem</i> . Double white...	1.00	7.00
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Funkia (Day Lily)

<i>Coerulea</i> . Light blue.....	1.00	7.50
<i>Lanceolata</i> . Lilac	1.75	7.50
<i>Minor Alba</i> . White.....	1.20	8.50
<i>Robusta Elegans Variegata</i> . Variegated foliage	1.50	10.00
<i>Subcordata Grandiflora</i> . Pure white	1.50	10.00
<i>Undulata Media Picta</i> . Varie- gated foliage	1.50	10.00

Gaillardia (Blanket Flower)

<i>Grandiflora</i> . Orange yellow..	1.00	7.00
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Galega (Goat's Rue)

<i>Hartlandi</i> . Blue and white variegated foliage	1.20	8.50
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Gentiana (Gentian)

<i>Andrewsi</i> . Bright blue.....	1.50	10.00
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Geranium (Crane's Bill)

<i>Fremonti</i> . Rosy purple	1.20	8.50
<i>Grandiflora</i> . Violet blue.....	1.20	8.50
<i>Platypetalum</i> . Rosy purple..	1.20	8.50

Geum (Avens)

<i>Coccineum</i> . Rich scarlet....	1.20	8.50
<i>Mrs. Bradshaw</i> . Double scarlet	1.75	12.00
<i>Miniatum Perry's Variety</i> . Or- ange	2.00	15.00

Gillenia

<i>Trifoliata</i> . Rosy white.....	1.75	12.00
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Grasses (Ornamental)

	Doz.	100
<i>Arundo Donax</i>	\$1.50	\$10.00
" <i>Variegata</i>	2.00	15.00
<i>Elymus Glaucus</i>	1.50	10.00
<i>Erianthus Ravenae</i>	1.00	7.00
<i>Eulalia Gracilis Univittata</i> ..	1.00	7.00
<i>Eulalia Japonica</i>	1.00	7.00
<i>Eulalia Japonica Variegata</i> ..	1.25	8.00
<i>Eulalia Japonica Zebrina</i> ...	1.25	8.00
<i>Gynerium Argenteum</i>	2.00	15.00
<i>Pennisetum Japonicum</i>	1.25	8.00
<i>Phalaris Arund. Variegata</i> ...	1.00	7.00

Gypsophila (Baby's Breath)

<i>Cerastioides</i> . White marked pink	1.20	8.50
<i>Paniculata</i> . White	1.00	7.50
<i>Paniculata Fl. Pl.</i> Double white	2.00	15.00
<i>Repens</i> . Small, white	1.20	8.50



Helianthus

Helianthus (Sneezewort)

	Doz.	100
<i>Autumnale Rubrum</i> . Terra- cotta red	\$1.50	\$10.00
<i>Autumnale Superbum</i> . Golden yellow	1.20	8.50
<i>Cupreum</i> . Orange crimson..	1.20	8.50
<i>Grandicephalum Striatum</i> . Yellow, striped crimson....	1.20	8.50
<i>Hoopesi</i> . Orange yellow....	1.20	8.50
<i>Pumilum Magnificum</i> . Golden yellow	1.20	8.50
<i>Riverton Beauty</i> . Lemon yel- low	1.50	10.00

Helianthus (Sunflower)

<i>Multiflorus Fl. Pl.</i> Double yel- low	1.00	7.00
<i>Orgyalis</i> . Yellow	1.00	7.00
<i>Rigidus Miss Mellish</i> . Yellow	1.00	7.00
<i>Rigidus</i> . Yellow	1.00	7.00
<i>Wooley Dod</i> . Yellow	1.00	7.00

Heliopsis (Orange Sunflower)

<i>Pitcheriana</i> . Golden yellow..	1.20	8.50
<i>Pitcheriana Semi-Plena</i>	1.20	8.50
<i>Scabra Zinniaeflora</i> . Orange.	1.50	10.00

Hemerocallis (Day Lily)

	Doz.	100
<i>Aurantiaca</i> . Orange yellow..	\$2.00	\$15.00
<i>Aurantiaca Major</i> . Orange..	2.00	15.00
<i>Dr. Regal</i> . Rich apricot....	1.50	10.00
<i>Dumortieri</i> . Yellow, shaded bronze	1.20	8.00
<i>Flava</i> . Light yellow	1.20	8.00
<i>Florham</i> . Golden yellow	1.50	10.00
<i>Fulva</i> . Orange	1.20	8.00
<i>Kwanso Fl. Pl.</i> Coppery red.	1.20	8.00
<i>Queen of May</i> . Indian yellow	2.25	15.00
<i>Sovereign</i> . Chrome yellow...	2.25	15.00

Hepatica (Liver Leaf)

<i>Triloba</i> . Blue	1.25	8.00
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Hesperis (Rocket)

<i>Matronalis</i> . Pink flowers: 3 to 4 feet	1.00	7.00
<i>Matronalis Alba</i> . White	1.00	7.00

Heuchera (Alum Root)

<i>Rosea</i> . Light rose	1.50	12.00
<i>Sanguinea</i> . Bright scarlet...	1.50	12.00
<i>Sanguinea Alba</i> . Creamy white	1.50	12.00
<i>Zabelliana</i> . Pale pink.....	1.50	10.00
<i>Gracillima Perry's Var.</i> Rosy crimson	2.50	17.50

Hibiscus (Mallow)

<i>Crimson Eye</i> . White, crimson eye	1.00	7.00
<i>Moscheutos Roseus</i> . Light rose	1.00	7.00
<i>New Giant Marshmallows</i> . Greatly improved form; in three separate colors; red, pink and white.....	1.75	12.50

Hieracium

<i>Aurantiacum</i> . Deep orange..	1.00	7.00
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Hollyhocks

<i>Double Canary Yellow</i>	1.75	12.00
" <i>Crimson</i>	1.75	12.00
" <i>Maroon</i>	1.75	12.00
" <i>Newport Pink</i>	1.75	12.00
" <i>Pink</i>	1.75	12.00
" <i>Salmon Pink</i>	1.75	12.00
" <i>White</i>	1.75	12.00
" <i>Mixed</i>	1.50	10.00



Hemerocallis

We send out extra strong plants

(hl)

Hypericum (St. John's Wort)

Adpressum. Fine for ground cover	Doz. 100	\$7.50
Moserianum. Golden yellow. 1.10	7.50	
Patulum Var. Henryi. Yellow 2.50	17.50	

Incarvillea (Hardy Gloxinia)

Delavayi. Deep pink.....	1.50	10.00
Grandiflora. Bright pink.....	1.50	10.00

Iris Germanica

Eugene Sue. White, spotted blue	1.00	7.00
Florentina Alba. White.....	1.00	7.00
Gloire de Hillegom. Blue....	1.00	7.00
Grachus. Crimson and white	1.00	7.00
Gypsy Queen. Lavender.....	1.00	7.00
Honorabilis. Yellow and bronze	1.00	7.00
Innocenza. White	1.00	7.00
Kharput. Deep blue	1.00	7.00
Leonidas. Mauve	1.00	7.00
Mad. Chereau. White and blue	1.00	7.00
Mrs. H. Darwin. White and violet	1.00	7.00
Pallida Dalmatica. Lavender.	1.60	12.00
Queen of May. Light pink..	1.00	7.00
Mixed. All colors .....	.50	3.00

Iris Kaempferi (Japan Iris)

Double or Six-Petaled Varieties

These may be ordered by number or name.

12. Gosetsu-Mai. White veined and traced blue.
7. Hodai. Bright violet veinings, purple standards.
9. Ho-O=Jo. Crimson purple.
8. Mana-zura. Very large; white with blue lines.
13. Onega-shina. Royal purple, white veins.
14. Renjo=no=toma. Frilled petals white centre.
15. Shishi-Odori. Purplish violet; large.
1. Yomo=no=umi. Early, double pure white.

Single or Three-Petaled Varieties

30. Gekko=no=nami. Early pure white.
3. Kuma Fungin. White, with broad border.
11. Kan-ran. White, lightly suffused.
21. Kimi=no=Megumi. White densely veined purple.
27. Shippo. Light lilac veined purple.
25. Yomo=Zakura. Light ground, densely suffused purple.
20. Yayaura. White, marbled violet.

Price of any of the above-named Japan Iris, doz., \$1.75; \$12.00 per 100; per 1000, \$100.00.

Japanese Iris, Mixed Colors. \$1.00 per doz.; per 100, \$6.00.

Iris Intermedia

Ceres. White	Doz. 100	\$12.50
Charmant. Silver white.....	1.75	12.50
Walhall. Blue	1.75	12.50

Iris Pumila (Shrubby Iris)

Die Braut. White.....	1.00	7.50
Lutea. Yellow	1.00	7.50
Violacea. Deep blue	1.00	7.50

Iris Siberica

Orientalis. Deep blue	1.00	7.50
Snow Queen. Pure white....	1.00	7.50

Inula (Flea Bane)

Ensifolia. Golden yellow....	1.00	8.00
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Lavendula (Lavender)

Vera	Doz. 100	\$10.00
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Liatris (Blazing Star)

Pycnostachia. Rosy purple..	1.00	7.00
Scariosa. Deep purple	1.00	7.00

Lily of the Valley

Clumps for outdoor planting.	2.25	16.00
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Linaria

Dalmatica. Orange	1.20	8.00
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Linum (Flax)

Perenne. Blue	1.20	8.00
Perenne Album. White	1.20	8.00

Lobelia

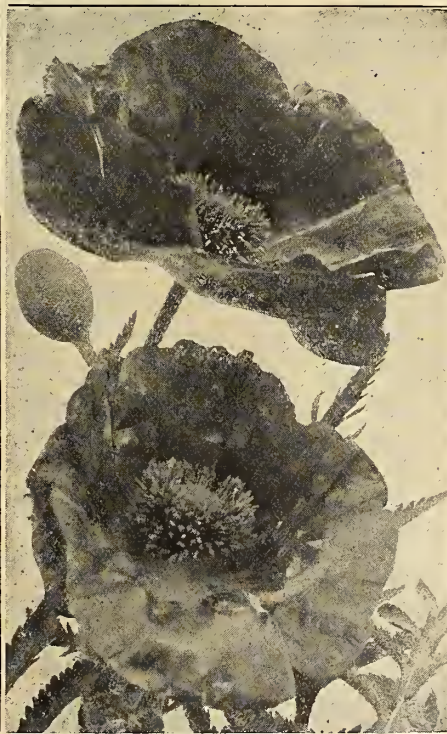
Cardinalis. Cardinal red....	1.00	7.00
Syphilitica Hybrida. Mixed.	1.00	7.00

Lupinus (Lupins)

Moerheimi. Pink	2.50	17.50
Polyphyllus. Blue	1.75	12.50
Polyphyllus. White	1.75	12.50

Lychnis (Campion)

Chalcedonica. Orange scarlet	1.20	8.00
Chalcedonica Alba. White..	1.20	8.00
Haageana Hybrida. Orange and scarlet	1.20	8.00
Vespertina. Double white...	1.50	10.00
Viscaria. Double red	1.50	10.00



Oriental Poppy (See page 82)

Lysimachia

Clethroides. White	Doz. 100	\$7.50
Mummularia (Creeping Jenny)	1.00	7.50
Ciliata. Yellow	1.00	7.50

Lythrum (Loosestrife)

Alatum. Crimson purple ...	1.50	10.00
Brightness. Pink	1.50	10.00
Roseum Superbum. Rich pink	1.20	8.00
Rose Queen. Pink	1.50	10.00



Lupinus Polyphyllus

Mertensia (Blue Bells)

Virginica. Light blue	Doz. 100	\$8.00
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Monarda (Bergamot)

Fistulosa Alba. White	1.00	7.00
Salmonia. Salmon rose	1.00	7.00
Violacea Superba. Amaranth	1.00	7.00

Montbretia (Bulbs)

Resemble somewhat the gladiolus, but in a miniature form. The flower-spikes are very brilliant and produced in quantity. The bulbs should be slightly protected during the winter; height, 2 feet. They should be planted in clumps of 50 or 100 bulbs. Fine as a delicate cut bloom.

Aurantia. Deep golden yel-Doz.	100	
low	\$0.20	\$1.25
Crocsmiaeflora. Scarlet and yellow .....	.20	1.00
Etoile de Feu. Vermilion, yellow centre .....	.20	1.25
Germania. Orange scarlet...	.25	1.75
Pottsii. Large, orange scarlet	.20	1.25
Rayon d'Or. Light yellow, spotted brown .....	.20	1.25
Speciosa. Golden yellow.....	.20	1.25

Myosotis (Forget-Me-Not)

Alp. Victoria. Blue .....	.85	6.00
Grandiflora. Blue .....	.85	6.00
Dissitiflora. Blue85	6.00

Nierembergia (Cup Flower)

Rivularis. Cream white	1.20	8.00
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Oenothera (Evening Primrose)

Eldorado. Double yellow....	1.20	8.00
Fraseri. Deep yellow	1.20	8.00
Fruticosa Pallida. Cream white	1.00	7.00
Missouriensis. Golden yellow	1.20	8.00
Speciosa. Pure white	1.20	8.00
Youngii. Rich lemon.....	1.20	8.00

MICHELL'S GORGEOUS PAEONY ROOTS

We send out extra strong Paedony roots

Paeonies are rapidly coming to the foreground and are now considered by the florists an indispensable cut flower. A collection of Paeonies constitutes a most valuable asset, steadily increasing in value from year to year. Paeonies as cut flowers always demand a good price, and yield a very profitable income from the investment. For home and table decorations they are exceedingly effective, and last in water longer than most other flowers. For social functions, weddings and church decoration, there is nothing more suitable. Festiva Maxima and Officinalis types are usually ready in the latitude of Philadelphia by Decoration Day. The flowering period of others is carried through the month of June. Paeonies require, after planting, practically no attention except a top dressing of well-rotted manure in the late autumn. They respond to this treatment by producing an extra large crop of flowers. Few if any insects attack the Paeony. **Be Progressive; Plant Paeonies.**

White and Light Shades

Agnes Mary Kelway. White tinted rose, while Doz. 100 the centre is cream. Early.....	\$2.00	\$15.00
Alba Plena. A giant flower of the purest white; very double. Of superb fragrance. Mid-season....	1.50	10.00
Candidissima. Creamy white, with a clear, sulphur-yellow centre. Occasionally tinted flesh pink. Early	2.00	15.00
Couronne d'Or. Immense ball-shaped form; snowy white with yellow reflex and deep pink edges. Late.	3.00	22.50
Duc de Wellington. Large, sulphur-white flower of great fragrance and with long stems. Late.....	2.00	15.00
Duchesse de Nemours. Pure white, with a sulphur-white centre; very early and extra fine. Early.....	1.75	12.00
Festiva Maxima. Beautifully shaped flower, often 7 to 8 in. in diam. Pure white, splashed red. Late..	2.50	18.00
La Rosiere. Yellowish white, with straw yellow centre. Looks like a large tea rose. Mid-season....	2.25	16.00
Queen Victoria. Pure white creamy centre. Mid-season	1.50	10.00
Zoe Calot. Pure white suffused rose; very fine. Mid-season	2.00	15.00

Pink Shades

Achille. Beautiful shell-pink, changing to lilac white. Splendid variety. Early.....	\$1.75	\$12.50
Beaute Francaise. Lilac-rose, with a cream-white collar; centre spotted carmine. Very fragrant. Mid-season	2.00	15.00
Berlioz. Perfect form. Large magenta rose color; silver tipped. Late.....	2.00	15.00
Carnea Elegans. Of a clear flesh color; free-flowing. Mid-season.....	2.00	15.00
Charlemagne. Large-flowering. Lilac white, with a light pink centre. Late.....	1.75	12.50
Clarisse. Beautiful rose pink, with silvery pink centre; fine form and habit. Mid-season.....	2.00	15.00
Delicatissima. Pale lilac rose, free and fragrant. Mid-season	2.00	15.00
Dr. Bretonneau. Lilac rose, with cream-white centre, flecked crimson. Mid-season.....	2.00	14.00
Duc de Cazes. Bright pink, silvery reflex. Early.	2.00	15.00
Edulis Superba. Beautifully shaped, bright mauve pink. One of the best early sorts.....	2.25	17.50
Eugene Verdier. Giant globe-shaped flower of a soft pink color. Late.....	3.50	25.00
Faust. Delicate flesh pink, with salmon centre. Mid-season	1.75	12.50
Grandiflora Rosea. Full globe-shaped flower, light softerino red petals, salmon centre. Mid-season....	2.00	15.00
Lady Bramwell. Silvery rose. Mid-season.....	2.00	15.00
L'Indispensable. Perfectly shaped; a delicate cream color shaded pink in centre. Mid-season....	2.50	17.50
Marie Lemoine. Very large, compact flower of lasting qualities. Delicate white rose, creamy centre. Late	2.00	15.00
Mme. Forel. Very large compact flowers, light pink, with a silvery-tipped centre. Late.....	3.25	25.00
Mons. Krelage. Grand flowers of a dark pink color. Large and compact. Late.....	2.25	16.00
Mme. Leonie Calot. Delicate rosy white, centre petals slightly tipped carmine. Mid-season.....	2.25	17.50



Paeony Candidissima

Red and Dark Shades

Anemoneflora Rubra. Anemone form; a beautiful Doz. 100 dark crimson. Mid-season.....	\$1.75	\$12.50
Delachi. Large flowers of a deep purple color free. Late	2.00	15.00
Felix Crousse. Large, bright-red flowers on long stems. Extra fine, self-colored variety. Mid-season.	3.50	25.00
General MacMahon. Large anemone-shaped flower of a deep violet color. Magnificent variety. Mid-season	3.25	22.50
L'Eclatante. Globular flower, brilliant red. Mid-season	2.00	15.00
Louis Van Houtte. A rich shade of crimson maroon; an exceptionally fine, large flower. Late.....	1.75	12.50
Meissonier. Loose reddish-purple flowers on tall stems. Very fragrant. Mid-season.....	2.00	15.00
Tenuifolia. Rich, red feathery foliage. Very early	2.00	15.00
Victor Hugo. Brilliant carmine red. Unsurpassed for cutting. Late.....	3.25	25.00

Paeonies to Color

These colors are made of named sorts in mixture under the respective colors and are splendid value.

	Doz.	100	1000
Double Pink. Large roots.....	\$0.85	\$6.50	\$50.00
Double Red. Large roots.....	1.00	7.00	60.00
Double White. Large roots.....	1.00	7.00	60.00

Paeony Officinalis (The old-fashioned Paeony)

Fragrant flowers of immense size, flowering in May and having a distinct foliage and growth.

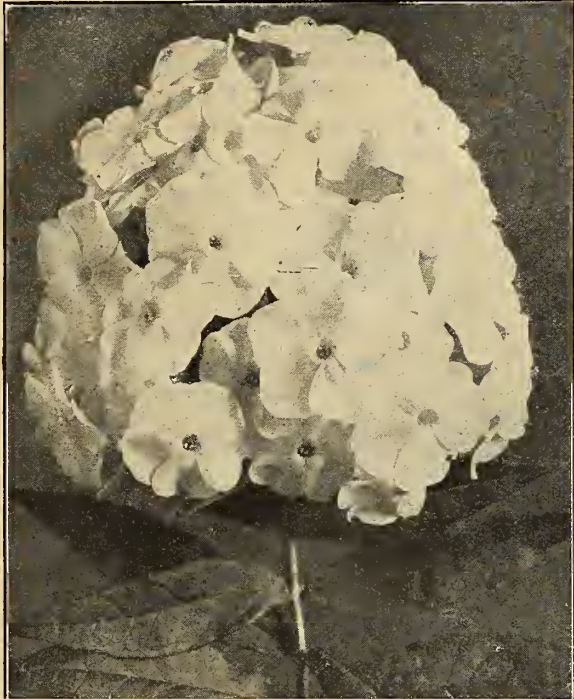
	Doz.	100	1000
Alba (Mutabilis). Double white.....	\$1.50	\$10.00	\$90.00
Rosea. Double pink.....	1.50	10.00	90.00
Rubra. Double red.....	1.25	8.00	75.00

CULTURAL NOTE ON PAEONIES

Autumn or during April is one of the best times for planting. The soil should be well enriched with well-rotted manure. The roots should be set about 3 feet apart in rows, the latter 4 feet apart, to enable them to be cultivated with horse machines. The crowns should not be set more than 4 inches below the top of the soil; deeper planting may mean fewer flowers, sometimes none. Cultivate them freely, prior to and after the flowering season. In the spring, as soon as the ground can be worked, plow or work in a heavy coating of well-rotted manure each season.

MICHELL'S SUPERB HARDY PHLOXES 81

Our stock of these is unusually fine. We have endeavored to embrace in our list the very best sorts. A visit to our nurseries (where we grow acres of these) in September and October presents a marvelous sight in beauty and color.



Phlox Mrs. Jenkins

BICOLORED VARIETIES

- Crepuscle.** Silvery mauve, crimson centre; very distinct shade. 85c. per doz.; \$5.00 per 100.
- Europa.** Blush white, deep pink centre; large flowered. \$1.00 per doz.; per 100, \$6.00.
- Grideur.** Soft rosy mauve, heavily suffused and overlaid with deep rose. \$1.50 per doz.; \$10.00 per 100.
- Mrs. Greenlees** (Suffr.). White, with rosy lilac centre. Doz., \$1.50; \$10.00 per 100.
- Ringleader** (Suffr.). White veined, pale cherry red. Doz., \$1.50; \$10.00 per 100.
- Wanadis.** Flowers mottled white and light violet, resembling somewhat the Phlox Canadensis. \$1.00 per doz.; \$7.00 per 100.
- Widar.** Reddish violet, with a distinct white centre. \$1.00 per doz.; \$6.00 per 100.

WHITE VARIETIES

- Frau Anton Buchner.** Very large pure white flower truss with gigantic individual florets. It makes a fine edging for a bed of Hardy Phlox, being of a very dwarf nature. 85c. per doz.; \$5.00 per 100.
- Jean d'Arc.** One of the latest white flowering, and for this reason should be included in every collection. 85c. per doz.; \$5.00 per 100.
- Mrs. Jenkins.** Of medium height with immense clusters of pure white flowers; very effective when planted in masses. 85c. per doz.; per 100, \$5.00.
- Miss Lingard** (Suffr.). Pure white, lilac eye. \$1.25 per doz.; per 100, \$8.00.
- Snowdon** (Suffr.). Fine pure white. \$1.50 per doz.; per 100, \$10.00.
- Von Lassburg.** The Queen of all clear white Phloxes. 85c. per doz.; per 100, \$5.00.

PHLOX (Miscellaneous Varieties)

- | | | |
|---|----------|--------|
| Divaricata Canadensis. Lavender (pot grown)... | Doz. 100 | \$8.00 |
| Ovata Caroliniensis. Reddish pink | 1.10 | 8.00 |
| Subulata Alba. White | .85 | 6.00 |
| Subulata Rosea. Pink | .85 | 6.00 |

SPECIAL NOTE.—Prices quoted on this page are for strong one-year-old field grown plants; this stock cannot usually be shipped later than June 1st, depending on the season. After that date we will fill orders where field grown plants cannot be supplied with strong 3-in pot plants at an advance of 35c. per dozen, per 100, \$2.00, over the price quoted for field grown plants.

PURPLE AND LAVENDER VARIETIES

- Africa.** Rich royal purple, suffused crimson. \$1.25 per doz.; per 100, \$8.00.
- Eugene Danzanvilliers.** Delicate lavender; very attractive and decorative color. 85c. per doz.; per 100, \$5.00.
- Indian Chief** (Suffr.). Bright purple. \$1.50 per doz.; per 100, \$10.00.
- Iris.** Deep reddish violet, of compact erect habit, with flower trusses that rival any others for size. \$1.00 per doz.; per 100, \$7.00.
- Le Mahdi.** Of the shades of blue offered to-day, there are many which approach magenta; for this reason we highly recommend this sort, which is a royal deep purple. 75c. per doz.; per 100, \$5.00.
- W. C. Egan.** Pale lilac with solferino-red eye. It is of medium height and of branching habit, which means a free bloomer. A grand variety for the border. \$1.00 per doz.; per 100, \$7.00.

PINK VARIETIES

- Elizabeth Campbell.** Identical in shade of color with Mrs. John Laing Rose; delicate, refreshing pink with a white eye. \$1.50 per doz.; per 100, \$10.00.
- Fantasy** (Suffr.). Rosy mauve. \$1.50 per doz.; per 100, \$10.00.
- Hercules** (Suffr.). Bright rosy lilac. \$1.25 per doz.; per 100, \$8.00.
- Madame Paul Dutrie.** Delicate soft pink, resembles a delicate Orchid. The flower trusses are enormous. 85c. per doz.; per 100, \$5.00.
- Rheinlander.** Deep salmon pink, with bright red eye. \$1.10 per doz.; per 100, \$7.00.
- Rheinstrom.** A splendid new Phlox with gigantic flowers of a bright pink; truly a grand variety. 85c. per doz.; per 100, \$5.00.
- Rosamundi** (New). The best of its color; a vigorous grower, producing freely great spikes of enormous soft rose flowers. \$1.25 doz.; per 100, \$8.00.
- R. P. Struthers.** Deep salmon pink, dark centre, very large 85c. per doz.; per 100, \$5.00.

RED AND SCARLET VARIETIES

- Baron von Dedem.** Deep pink, suffused orange; immense trusses. 85c. per doz.; per 100, \$5.00.
- Cocquelicot.** Brilliant orange-scarlet. \$1.25 per doz.; \$8.00 per 100.
- Fernand Cortez.** Cerise pink, purple eye. \$1.00 per doz.; per 100, \$6.00.
- Gen. Chanczy.** Orange, suffused scarlet; purple eye. 85c. per doz.; per 100, \$5.00.
- General von Heutz.** This produces immense trusses of enormous flowers, which are delicate salmon-scarlet, surrounded with a lavender eye, which is edged white. 85c. per doz.; per 100, \$5.00.
- Goliath.** A distinct variety of attractive appearance; a tall grower, attaining a height of 3 feet. The flower trusses are large, of a bright cerise color with deep eye. 85c. per doz.; per 100, \$5.00.
- Matador.** Cherry red, crimson eye; dark foliage. \$1.00 per doz.; per 100, \$6.00.
- Montagnard.** Dark purple claret; large spikes and flowers. \$1.00 per doz.; per 100, \$6.00.
- Professor Virchow.** Bright carmine, shaded orange red. 85c. per doz.; per 100, \$5.00.
- von Hochberg.** Rich deep crimson. \$1.25 per doz.; per 100, \$8.00.

PHLOX ARENDSI

A new dwarf class; 12 to 14 inches high, flowering from May to July.

Amanda. Delicate lilac.

Charlotte. Pale lilac, shaded pink, dark eye.

Grete. Pure white.

Kathe. Purplish rose, with dark eye.

Louise. Light lilac, with a carmine eye.

Price of any of the above Phlox Arendsi, \$1.50 doz.; per 100, \$10.00.

MICHELL'S HARDY PERENNIAL PLANTS



Pyrethrum, Double Flowering

Onopordon (Cotton Thistle)

	Doz.	100
Robert Bruce. Silvery white.	\$1.50	\$10.00
Tauricum. White	1.50	10.00

Ononis

Hircina. Pink	1.50	10.00
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Orobis (Bitter Vetch)

Lathyroides. Bright blue	1.50	10.00
Superbus. Light blue	1.50	10.00
Vernus. Purple	1.50	10.00

Pachysandra

Terminalis. Evergreen	1.50	10.00
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Pardanthus

Sinensis. Orange	1.00	7.00
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Pentstemon (Beard Tongue)

Barbatus Torreyi. Scarlet	1.20	8.50
Diffusus. Deep purple	1.20	8.50
Digitalis. Purplish white	1.20	8.50
Glaber Hybrids. Mixed colors	1.20	8.50
Ovatus. Bright blue	1.20	8.50
Sensation. Mixed colors	1.20	8.50

Paeonies (See page 80)

Physalis (Lantern Plant)

Alkekengi. Orange red	1.20	8.00
Francheti. Orange scarlet	1.20	8.00

Physostegia (False Dragon Head)

Speciosa. Rose	1.00	7.00
Virginica. Pink	1.00	7.00
" Alba. White	1.00	7.00

Pinks

Carmen. Pink	1.20	8.50
Her Majesty. Pure white	1.20	8.50
Juliet. White, bordered crimson	1.20	8.50
White Reserve. White	1.20	8.50

Platycodon (Bell Flower)

	Doz.	100
Grandiflorum Blue	1.00	7.00
Grandiflorum White	1.00	7.00

Plumbago (Leadwort)

Larpenae. Deep blue	1.20	8.50
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Polemonium (Jacob's Ladder)

Richardsoni Alba. White	1.20	8.50
Richardsoni. Blue, golden anthers	1.20	8.50



Rudbeckia, Golden Glow

Poppy

	Doz.	100
Oriente Furstenkind. Scarlet	1.50	\$10.00
" Goliath. Scarlet	1.50	10.00
" Lightness. White, changing to salmon	each, 35c.	3.50
" Mahony. Crimson	1.50	10.00
" Marie Studholme. Rose	1.50	10.00
" Mrs. Perry. Salmon	1.50	10.00
" Muriel Russell. Each, 35c.	3.50	
" Oriental King. Crimson	2.50	17.50
" Princess Victoria Louise. Salmon	1.50	10.00
" Rose Queen. Pink	1.50	10.00
" Silberblick. Salmon, white centre	1.50	10.00
" Perry's White (New). Satiny white with crimson blotch	2.50	17.50
Nudicaule Orange	1.10	8.00
" White	1.10	8.00
" Yellow	1.10	8.00

Potentilla (Cinquofoil)

	Doz.	100
Atrosanguinea. Brilliant red	\$1.20	\$8.50
Formosa. Fiery orange	1.20	8.50
Hoopwoodiana. Dark red	1.20	8.50
Miss Willmot. Bright cerise	1.20	8.50

Primula (Hardy Primrose)

Acaulis Alba Plena. Double white	1.20	8.00
Acaulis Lilac	1.20	8.00
Auricula. Yellow and red	1.20	8.00
Vulgaris. Canary yellow	1.20	8.00
Vulgaris Coerulea. Light blue	1.20	8.00
Veris Superba. Golden yellow	1.50	10.00
Veris (Cowslip). Red and yellow	1.20	8.00

Prunella

Grandiflora. Purple	1.20	8.00
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Pyrethrum

Uliginosum. Single white	1.20	8.00
Uliginosum Stellata. Pure white	1.50	10.00
Single-flowering Mixed	1.20	8.50
Double-flowering Named Sorts	2.50	20.00

Ranunculus (Buttercup)

Acris Fl. Pl. Double yellow	1.20	8.00
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Rosemary

Officinalis	1.50	10.00
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Rudbeckia (Cone Flower)

Golden Glow. Double yellow	1.00	7.00
Newman. Single orange	1.00	7.00
Nitida "Autumn Sun." Single primrose yellow	1.00	7.00
Purpurea. Purple	1.00	7.00
Rays of Gold	1.00	7.00

Salvia

Azurea. Rich sky blue	1.20	8.00
Greggii. Cerise crimson	1.20	8.00
Pitcheri. Gentian blue	1.20	8.00
Sclarea. Pale purple	1.20	8.00
Uliginosa. Clear blue	1.20	8.00
Virgata Nemorosa. Deep blue	1.20	8.00

Saponaria (Soapwort)

Caucasica. Double white, tinted rose	1.20	8.00
Ocymoides. Bright rose	1.20	8.00



Scabiosa Caucasica (See page 83)

Satureia		Doz.	100
Montana. Snow-white		\$1.00	\$7.00

Scabiosa			
Caucasica Alba. Pure white.	1.50	10.00	
Caucasica Coerulea. Lavender	1.50	10.00	
Japonica. Lavender blue	1.50	10.00	
Lutea Gigantea. Sulphur yellow	1.50	10.00	

Scutellaria			
Coelestinum. Bright blue....	1.20	8.00	

Senecio (Groundsel)			
Clivorum. Bright yellow....	1.50	10.00	
Wilsonianus. Rosy purple....	1.50	10.00	
Veitchianus. Bright yellow..	1.50	10.00	

Shasta Daisy (See page 76)

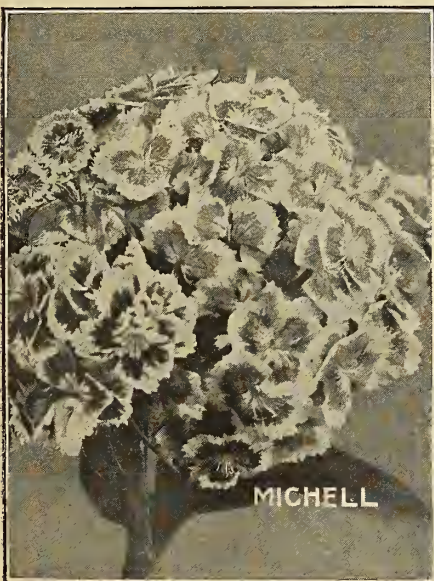
Silene (Catchfly)			
Alpestris. White	1.20	8.00	
Asteria Grandiflora. Bright red	1.20	8.00	
Schafta. Rosy purple	1.20	8.00	

Solidago (Golden Rod)			
Altissima. Yellow	1.20	8.00	
Canadensis. Native Golden Rod	1.00	7.00	
Golden Wings. Bright golden yellow	1.20	8.00	

Spiraea (Dropwort)			
Aruncus. White	1.20	8.00	
Filipendula. White	1.20	8.00	
Filipendula Fl. Pl. Double white	1.20	8.00	
Palmata. Crimson purple....	1.20	8.00	
Ulmaria Fl. Pl. Double white	1.20	8.00	
Venusta Magnifica. Rosy red	2.50	17.50	

Stachys (Woundwort)			
Betonica Rosea. Rich pink..	1.25	8.50	
Lanata. Silvery foliage, purple flowers	1.25	8.50	

Statice (Sea Lavender)			
Eximia. Soft lilac	1.20	8.50	
Gmelini. Purple	1.20	8.50	
Tartarica. Light blue	1.20	8.50	



Sweet William

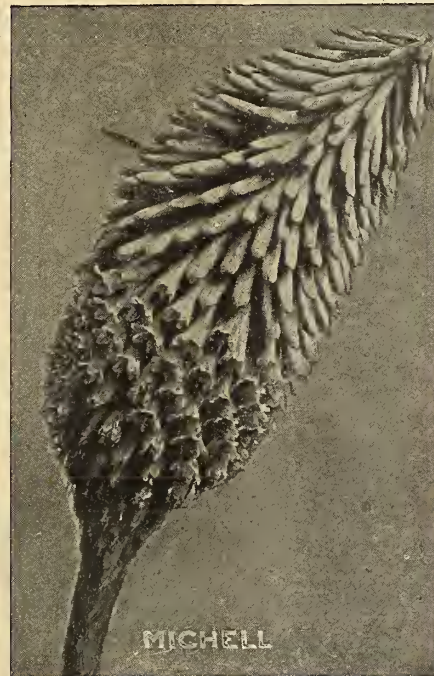
Stokesia (Cornflower Aster)		Doz.	100
Cyanea Alba. Pure white....	\$1.20	\$8.50	
" Blue. Light blue	1.20	8.50	

Sweet William			
Crimson	1.00	7.50	
Pink	1.00	7.50	
Pure White	1.00	7.50	
Scarlet	1.00	7.50	
Violet, White Eye	1.00	7.50	
Mitchell's Prize Mixture	1.00	7.50	

Sylphium (Cup Plant)			
Perfoliatum. Yellow	1.50	10.00	

Tanacetum			
Vulgare. Bright yellow	1.20	8.50	

Thalictrum (Meadow Rue)			
Adiantifolium. Pink	1.50	10.00	
Aquilegiafolium Album	1.50	10.00	
Aquilegiafolium Atropur	1.50	10.00	
Flavum. Yellow	1.50	10.00	
Dypterocarpum. Rosy purple	2.50	17.50	
Glaucum. Yellow	1.50	10.00	



Tritoma Pfitzeri

Thermopsis		Doz.	100
Caroliniana. Yellow	\$1.50	\$10.00	

Trillium (Wood Lily)			
Erectum. Purple	1.00	7.00	
Erectum Grandiflorum. White	1.00	7.00	

Tritoma (Flame Flower)			
Pfitzeri. Orange scarlet	1.50	10.00	
Quartianina. Bright scarlet..	2.00	15.00	
Tuckii. Red, shaded primrose	1.50	10.00	

Trollius (Globe Flower)			
Caucasicus Orange Globe.			
Deep orange	1.50	10.00	
Europaeus. Yellow	1.50	10.00	
Japonicus "Excelsior." Orange	1.50	10.00	

Tunica			
Saxifraga. Pink	1.50	10.00	



Yucca Filamentosa

Valeriana (Spurred Flower)		Doz.	100
Coccinea. Red	\$1.35	\$9.00	
Coccinea Alba. White	1.35	9.00	
Officinalis. Pink	1.35	9.00	

Verbascum			
Phoenicium. Deep violet....	1.50	10.00	

Veronica (Speedwell)			
Amethystina. Amethyst blue.	1.20	8.50	
Incana. White foliage; blue flowers	1.20	8.50	
Longifolia Subsessilis. Rich blue	1.50	10.00	
Virginica. Pale blue	1.20	8.50	
Virginica Alba. Pure white..	1.20	8.50	
Repens. Light blue.....	1.00	7.00	

Vinca (Periwinkle)			
Aurea. Green, yellow foliage	1.50	10.00	
Minor. Blue. (\$60.00 per 1000)	1.00	7.00	

Viola (Tufted Pansy)			
Gustav Wermig. Blue	1.25	7.50	
Yellow	1.00	6.00	
White	1.00	6.00	
Blue	1.00	6.00	
Mauve	1.00	6.00	
Pedata. Blue	1.00	7.00	
Pedata Bicolor. Roval purple and white	1.25	8.00	

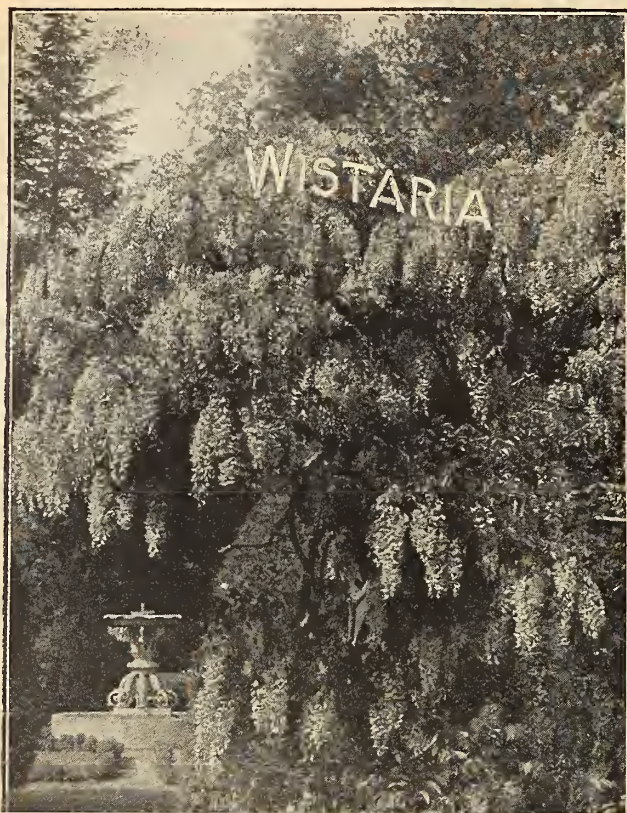
Yucca (Adam's Needle)			
Filamentosa. White	1.75	12.00	

A Few Unsolicited Testimonials on
 Manchester, Vt.
 Your Hardy Phlox plants are strong and well grown and even in size of roots. Your Helenium Autumnale Rubrum sent last spring, grew about 4 feet, and I have sold most of the plants at 50c. each.
 (Signed) W. H. G.

Monticello, Ark.
 Thank you for the perfectly satisfactory filling of my orders. I am pleased especially with the general quality of the plants received and the condition in which they arrived. The packing is worthy of congratulation.
 L. W.

Michell's Hardy Shrubs and Climbing Plants

ALL EXTRA STRONG THRIFTY STOCK



Hardy Climbers (Mostly Pot Plants)

	Each	Doz.	100
Actinidia Arguta. 4-in. pots.....	\$0.50	\$5.00	\$35.00
Akebia Quinata. 5-in. pots.....	.20	1.80	12.00
Ampelopsis Veitchii. 4-in. pots.....	.20	2.00	15.00
" 5-in. pots.....	.25	2.50	20.00
" Quinquifolia. 4-in. pots.....	.20	1.75	12.00
" Lowii. 4-in. pots.....	.30	3.00	22.50
" Henryana. 4-in. pots.....	.30	3.00	22.50
" Englemanni. 4-in. pots.....	.20	1.75	12.00
" Humilifolia. 4-in. pots.....	.25	2.50	15.00
" Tricolor. 4-in. pots.....	.20	1.80	12.00
Aristolochia Sipho.....	.40	4.25	32.50
Bignonia Grandiflora.....	.35	4.00	30.00
" Radicans.....	.25	2.75	20.00
Celastrus Scandens.....	.20	2.00	15.00
Clematis Coccinea. Red. 4-in. pots.....	.20	2.00	15.00
" Crispa. Lavender. 4-in. pots.....	.25	2.50	16.00
" D. of Edinb. Double white, 4" pots.....	.35	3.50	25.00
" Flammula. White, 4-in. pots.....	.25	2.50	16.00
" Henryi. White, 4-in. pots.....	.35	3.50	25.00
" Integrifolia Durandi. Blue. 4-in. pots.....	.35	3.50	25.00
" Jackmanni. Purple. 4-in. pots..	.35	3.50	25.00
" Mad. B. Villard. Purple. 4-in. pots.....	.35	3.50	25.00
" Mad. Edw. Andre. Red. 4-in. pots.....	.35	3.50	25.00
" Montana Grand. White. 4-in. pots.....	.40	4.00	30.00
" Montana Rubens. Red. 4-in. pots.....	.40	4.00	30.00
" Nellie Moser. White. 4-in. pots.....	.35	3.50	25.00
" Paniculata. White (3 year).....	.25	2.00	15.00
" " White (2 year).....	.15	1.20	9.00
" Sieboldi. Blue. 4-in. pots.....	.35	3.50	25.00
" Ville de Lyon. Red. 4-in. pots...	.35	3.50	25.00
Euonymus Radicans Var.....	1.25	9.00	
" Radicans.....	1.25	9.00	
" Vegetus.....	1.25	9.00	
" Kewensis.....	1.60	12.00	
Honeysuckle Evergreen. 4-in. pots.....	.20	2.00	15.00
" Halleana. 4-in. pots.....	.20	2.00	15.00
" Heckrothi. 4-in. pots.....	.20	2.25	15.00
" Red Coral. 4-in. pots.....	.20	2.25	15.00
" Variegated. 4-in. pots.....	.20	2.00	15.00

Hardy Climbers (Cont'd.)

	Each	Doz.	100
Hop Vine. Green. Pot grown.....	\$1.00	\$6.00	
" " Golden leaved. Pot grown....	1.00	8.00	
Ivy, English. 2½-in. pots.....	.85	6.00	
" 4-in. pots.....	2.25	16.00	
" 5½-in. pots.....	4.50	30.00	
Jasminum Nudiflorum. Yellow. 4-in. pots	1.75	12.00	
" Officinale. White. 4-in. pots...	1.75	12.00	
Lathyrus White Pearl. 4-in. pots.....	2.25	17.50	
" Albus. 4-in. pots.....	1.10	8.00	
" Pink Beauty. 4-in. pots.....	1.10	8.00	
Lycium Barbarum.....	.20	2.00	12.00
Polygonum Auberti.....	\$0.50	5.50	
" Baldschuanicum.....	.50	5.50	
Pueraria Thunbergiana. 4-in. pots.....	.15	1.50	11.00
Schizophragma Hydrangeoides. White....	.75	7.50	
Wistaria. Blue. Pot grown. 6-in. pots....	.50	5.00	35.00
" White. Pot grown. 6-in. pots.....	.50	5.00	35.00
" Blue (Standard). Pot grown...	2.25	25.00	45.00
" White (Standard). Pot grown..	2.25	25.00	

Hardy Azaleas

	Each	Doz.	100
Azalea Amoena. Crimson. 12-in. heads...\$0.80	\$0.80	\$8.00	\$60.00
" A. Koster. Orange. 12 to 15 in. heads	1.00	10.00	75.00
" Hinamayo. Pink. 18-in. heads.....	1.00	10.00	75.00
" Hinodegiri. Red. 18-in. heads.....	1.00	10.00	70.00
" Mollis. Mixed. 12 to 15 in. heads. .60	.60	6.00	45.00
" Jap. Alba. White. 18-in. high.....	.75	7.50	55.00
" J. C. Von Tol. Red. 20 to 25 buds. .75	.75	7.50	55.00
" Yodogama. Pink. 18-in. high.....	.75	7.50	55.00

Rhododendrons (Well Budded Plants)

Album Elegans. Pure white gigantic flower heads.
 Caractacus. Crimson or blood red.
 Prof. Chas. Dickens. Red, a shade between light and dark.
 Chas. S. Sargent. Rich crimson.
 Everestianum. Lavender, very delicate.
 Fastuosum. Double; lavender; very large flower heads.
 F. D. Goodman. Crimson.
 General Grant. Aniline red.
 *James MacIntosh. Rich scarlet.
 Kettledrum. Deep red or purple.
 *Lady Grey Egerton. Mauve.
 Roseum Elegans. Rose pink; large flowers.
 Price of 18 to 24 inch plants \$1.25 each; per doz., \$13.50;
 \$100.00 per 100. 24 to 30 inches high, \$2.25 each; doz., \$24.00;
 \$150.00 per 100. Varieties marked * can be supplied in 18 to
 24 inch plants only.



Plants travel best by express or freight. No plants sent C. O. D.

(ht)

MICHELL'S HARDY DECORATIVE SHRUBS (Continued)

85

ALL EXTRA STRONG THRIFTY STOCK

BOXWOOD

		Doz.	100
Edging.	4 to 6 inches (1000, \$50.00)	\$0.85	\$6.00
"	6 to 8 inches	2.40	15.00
Each			
Untrimmed Bush shaped.	10 inches	\$0.30	\$3.00
"	12 inches	.40	4.00
"	15 inches	.50	5.00
"	18 inches	.75	7.50
"	24 inches	1.00	10.00
Each			
Ball Shaped.	12 inches diam.	\$2.25	
"	15 inches diam.	3.00	
Pyramidal.	2½ feet high	2.25	
"	3 feet high	2.75	
"	3½ feet high	3.25	
"	4 feet high	4.25	
"	5 feet high	8.00	
Tree Shaped (Standard).	18 to 24 in. stem, 15 in. head.	2.25	
"	18 to 24 in. stem, 18 in. head.	3.00	

HARDY SHRUBS

	Each	Doz.
Amygdalus Rubra Fl. Pl. Pink.	\$0.50	\$5.00
Andromeda Japonica. White.	1.00	10.00
Althea Alba Plena. White.	.20	2.25
" Atropurpurea. Purple.	.20	2.25
" Coerulea Plena. Blue.	.20	2.25
" D. de Brabant. Red.	.20	2.25
" Grand. Superba. Blush.	.20	2.25
" Totus Albus. White.	.20	2.25
Doz. 100		
Berberis Thunbergii.	12 to 18 inches	\$1.50 \$10.00
"	18 to 24 inches	1.60 12.00
"	24 to 30 inches	3.00 22.00
" Atropurpurea.	2½ to 3 feet	2.00 15.00
Buddleya Var. Magnifica.	3 inch pots	1.50 10.00
" Var. Veitchianus.	3 inch pots	1.50 10.00
Calycanthus Floridus.	2 to 3 feet	.25 2.50
Cerasus Double White.	4 to 5 feet. (\$1.00 each)	11.00
" Double Pink.	3 to 4 feet. (\$1.25 each)	13.50
Cercis Canadensis.	2 to 3 feet	.30 3.00
Chionanthus Virginica.	2 feet	.25 2.75
Clethra Alnifolia.	2 feet	.25 2.25
Cornus Florida.	2 to 3 feet	.40 4.00
" Rubra.	2 to 3 feet	.80 8.00
Cytisus Laburnum.	3 to 4 feet	.50 5.00
Deutzia Candidissima.	2 to 3 feet	.25 2.00
" Crenata Rosea Fl. Pl.	2 to 3 feet	.25 2.00
" Gracilis.	1½ to 2 feet	.25 2.50
" Lemoinei.	2 feet	.25 2.50
Eleagnus Longipes.	2 feet	.25 2.50
Erica Vulgaris		.30 3.00
" Alba		.30 3.00
Exochorda Grandiflora.	2 to 3 feet	.25 2.25
Forsythia Fortunei.	3 to 4 feet	.25 2.25
" Suspensa.	3 to 4 feet	.25 2.25
" Viridissima.	3 to 4 feet	.25 2.25
Hydrangea Paniculata Grand.	24 inches	.20 2.00
"	3 to 4 feet	.30 3.00
" (Standards)		.50 5.00
" Arborescens.	2 feet	.20 2.00
Kalmia Latifolia.	18 to 24 inches. (\$65.00 per 100)	.85 8.50
Kerria Japonica Double.	2 to 3 feet	.25 2.50
Field Grown Pot Grown		
Each Doz. Each Doz.		
Lilac Chas. X.	\$0.35 \$3.50	\$0.75 \$8.00
" Marie Le Grey.	.35 3.50	.75 8.00
" Marie Lemoine	.35 3.50	.75 8.00
" Mme. C. Perrier	.35 3.50	.75 8.00
" Pres. Grevy	.35 3.50	.75 8.00
" Simon Mardner	.35 3.50	.75 8.00
" Souv. de L. Spaeth	.35 3.50	.75 8.00
" Vulgaris	.25 2.50	
" Alba	.25 2.50	
Lonicera Morrowi.	2 to 3 feet	.25 2.50
" Tartarica.	2 to 3 feet	.25 2.50
Maple Jap. Atropur.	Pot grown.	
18 to 24 inches	1.00 10.00	
Maple Jap. Aureum.	Pot grown.	
18 to 24 inches	1.00 10.00	
Maple Jap. Dissectum.	Pot grown.	
18 to 24 inches	1.00 10.00	

HARDY SHRUBS—Continued

	Each	Doz.
Philadelphus Coronarius.	2 to 3 feet	\$0.20 \$2.00
" Grandiflora.	2 to 3 feet	.20 2.00
Prunus Pissardi.	2 to 3 feet	.25 2.50
" Triloba.	2 to 3 feet	.30 3.00
Pyrus Japonica.	2½ feet	.25 2.50
Rhus Cotinus.	2½ feet	.25 2.75
Sambucus Nigra Aurea.	3 feet	.25 2.50
" Racemosus.	2 to 3 feet	.30 3.00
Spirea A. Waterer.	18 to 24 inches	.25 2.50
" Opulifolia Aurea.	4 feet	.25 2.50
" Prunifolia.	3 feet	.25 2.50
" Reevesii.	2½ feet	.25 2.50
" Thunbergii.	2½ feet	.25 2.50
" Von Houttei.	2 feet	.20 2.00
Symphoricarpos Racemosus.	2 feet	.25 2.50
Staphylea Colchica		.40 4.00
Tamarix Africana.	2 to 3 feet	.20 2.00
" Gallica.	4 feet	.25 2.50
" Hisp. Aestivalis.	2 to 3 feet	.25 2.50
Viburnum Carlesi		.50 5.00
" Opulus Sterilis.	3 feet	.25 2.50
" Plicatum.	2 to 3 feet	.30 2.75
Vitex Agnus Castus.	3 to 4 feet	.30 3.00
Weigelia Amabilis.	2 to 3 feet	.25 2.50
" Candida.	2 to 3 feet	.25 2.50
" E. Rathke.	2 to 3 feet	.25 2.50
" Rosea.	2 to 3 feet	.25 2.50

HYDRANGAEA HORTENSIS

RECENT FRENCH INTRODUCTIONS

Baby Bimbinet. Silvery pink; free and early bloomer.
 Beaute Vendomoise. White, tinted pink.
 *Eclairer. Red; a real sterling novelty (in 2½ in. pots only).
 Harmonie. Pink; will not fade readily.
 La France. Delicate rose pink; gigantic trusses.
 La Perle. White; the best in this color.
 Liberte. Pale pink; enormous flower heads.
 Louis Moulliere. Deep rose pink; fringed florets.

Prices of New French Hydrangeas listed above as follows:

	Doz.	100
2½ inch pot plants	\$1.50	\$10.00
4 " " "	3.00	20.00
6 " " "	5.00	35.00

* Can be supplied in 2½ inch pots only.

HYDRANGAEA HORTENSIS FRENCH VARIETIES

Avalanche. Pure white flowers.
 Botaniste Peltreau. Brilliant lavender pink.
 Bouquet Rose. Amber, turning to bright pink.
 General de Vibraye. Bright rose; very early.
 **Madame Maurice Hamar. Delicate flesh pink.
 Mme. Emile Moulliere. Pure white, with rich carmine eye.
 Radiant. Brilliant rose pink.
 **Souvenir de Mme. Chantard. Brilliant rose pink.
 La Lorraine. Pale rose pink, changing to rich pink.
 Price of any of the above Standard Varieties:

	Doz.	100	1000
2½ inch pot plants	\$0.85	\$6.00	\$50.00
4 inch pot plants	2.75	20.00	175.00

Varieties marked ** can be supplied in 6 inch pot plants also at \$4.50 per dozen; per 100, \$32.50.

HYDRANGAEA OTAKSA

The old fashioned pink favorite.

	Doz.	100	1000
2½ inch pot plants	\$0.85	\$6.00	\$50.00
4 inch pot plants	2.75	20.00	175.00

10 inch tubs, \$1.25 each; 12 inch tubs, \$2.00 each.

See also page 69 for new varieties of Hydrangeas.

PRIVET HEDGE PLANTS (California)

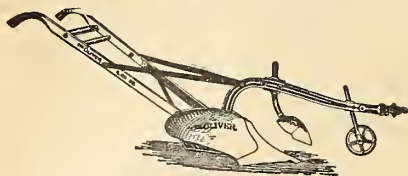
Our stock of this is large and very fine, well branched and rooted.

	Doz.	100	1000
1 year old, 18 to 24 inches	\$0.45	\$2.50	\$22.00
2 year old, 24 to 30 inches	.75	4.00	35.00
2 year old, 30 to 36 inches	1.00	5.00	45.00
Golden Privet. Bushy, 15 to 18 inches	1.75	12.50	

Plants travel best by express or freight. No Plants sent C. O. D.

(h1)

Planet Jr. and Iron Age Farm and Garden Tools, Etc.



Plows

SOUTH BEND PLOWS

This plow has been one of the favorites in the section of Philadelphia for many years. It is substantially made, neat, and gives splendid satisfaction.

No. 1B. For one horse, wood beam...\$5.50

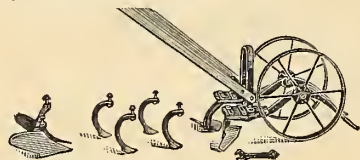
No. 2F. For one heavy horse or two light horses, wood beam... 8.50

No. 3A. 2-horse, wood beam.....10.50

No. 4. 2-horse, heavy, wood beam...10.00

The prices above are for plain plows with clevis only. Jointers and wheels can be supplied for Nos. 2, 3 and 4.

If wheel only is wanted, add \$1.00, or if jointer only is wanted, add \$2.00 to the prices quoted above. We can also supply Oliver, Gale and Syracuse Plows.



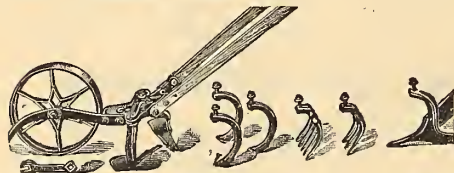
Planet Jr. Wheel Hoes

No. 12 Double wheel (see cut).....\$7.00

No. 13 Double wheel..... 4.50

No. 11 Double wheel.....10.25

No. 14 Double wheel..... 7.50



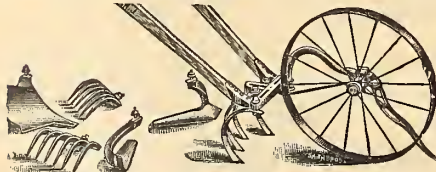
No. 16 Single wheel (see cut).....\$6.50

No. 17 Single wheel..... 5.50

No. 18 Single wheel..... 3.25

No. 38 Single wheel..... 7.75

No. 18 1/2 Single wheel..... 5.25



Iron Age Wheel Hoes

No. 9 Single wheel (see cut).....\$6.00

No. 10 Single wheel..... 3.65

No. 11 Single wheel..... 2.85

No. 12 Single wheel..... 4.00

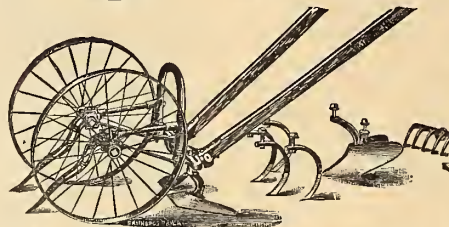
No. 19C Single wheel..... 4.00

Planet Jr. Wheel Hoe Parts

Side Hoes, per pair, 4 1/2-inch, \$1.00; 6-inch, \$1.10; 7-inch.....\$1.20

Side Plows, per pair..... 1.35

Cultivator Teeth, each..... .40

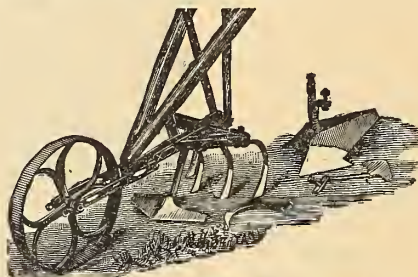


Iron Age Double Wheel Hoes

No. 1 Double Wheel Hoe (see cut)...\$8.10

No. 3 Double Wheel Hoe..... 5.00

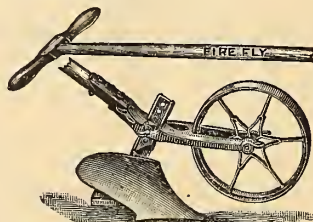
Iron Age Hand Plow (no wheel)..... 1.40



GEM SINGLE WHEEL HOE

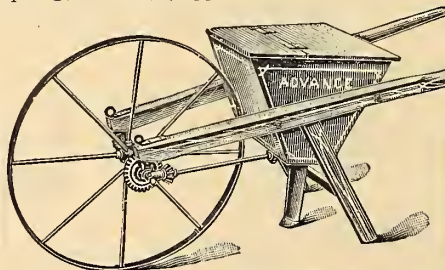
Of garden tools this is the most popular, being low in price and complete in detail, suited for most any work in a garden. It weeds, hoes, hills and harrows. Price, \$5.75.

Gem Double-Wheel Hoe.....\$6.85



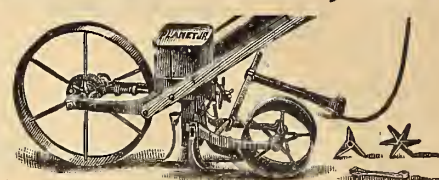
FIRE-FLY GARDEN PLOW

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops (after general plowing in spring). Price, \$2.35.



"ADVANCE" FERTILIZER DRILL

Best low priced distributor on the market. A shut-off to prevent the escape of fertilizer when wheeling around end of row, is a late improvement; being one of those little things which go far, however, in making a tool valuable. A first-class machine for the drilling of peas and corn. Price, each, \$7.25.



No. 4 Planet Jr.

Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, Plow, Etc.

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single-wheel hoe or weeder, a cultivator and a plow. The hopper holds 2 1/2 quarts of seed, which can be sown in rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single-wheel hoe.

Price, complete as described above, \$12.50. As a seeder only, No. 4D, \$10.00.

No. 3 PLANET JR. SEEDER

Sows evenly in drills, also drops in hills at 4, 6, 8, 12 or 24 inches apart; thrown out of gear instantly by moving a lever or by pushing down the feed rod. It is quickly set to sow the different kinds of seed in the exact thickness required. Hopper holds 3 quarts. Price, \$10.00.

Prices of Planet Jr. Drills (Not Illustrated)

No. 1.....\$10.75 No. 2.....\$8.25

No. 25. Combined.....15.25

No. 5.....14.25

No. 6. Combined.....16.25

No. 6D. Plain, as a drill.....13.25

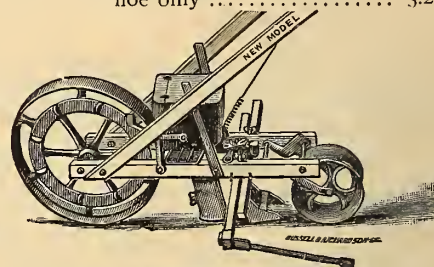
No. 28. Combined.....15.25

No. 29. Plain, as drill.....12.75

No. 31. Combined Seeder and Wheel Hoe, complete..... 7.75

No. 32. The above machine as a seeder only..... 5.50

No. 33. The above machine as a wheel hoe only..... 3.25



THE MODEL SEED DRILL

It is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardeners' drill, having a large capacity for seeds, and is a wonderfully efficient machine. Price, \$9.25.

IRON AGE SEED DRILLS

No. 6 Double and Single-Wheel Hoe, Hill and Drill Seeder combined, complete, \$14.00. No. 7 Hill and Drill Seeder only, \$11.50.

No. 4 Double and Single-Wheel Hoe, and Drill Seeder combined, complete, \$12.75. No. 5 Drill Seeder only, \$9.25.

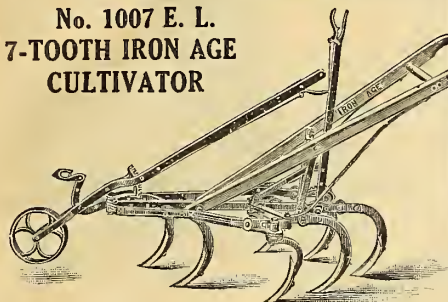
No. 22 COMBINED FERTILIZER DISTRIBUTOR, HILL AND DRILL SEEDER

The two operations—seeding and fertilizing—are done in one. Price, \$21.00.

Iron Age and Planet Jr. Farm and Garden Tools, Etc.

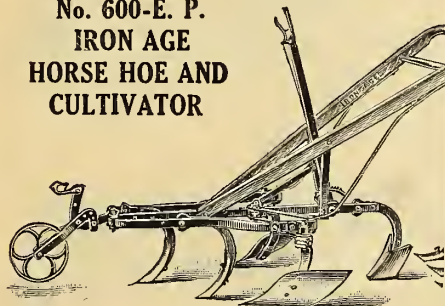
Write for a complete catalog on either **IRON AGE** and **PLANET JR. TOOLS**—Mailed Free.

No. 1007 E. L. 7-TOOTH IRON AGE CULTIVATOR

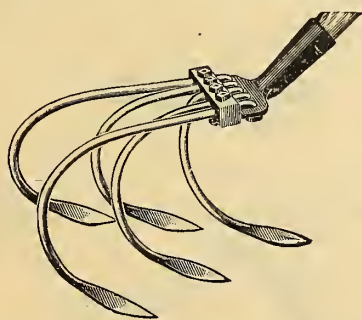


By means of the lever wheel the depth may be regulated with a single stroke of the arm; the expanding lever renders it able to go through very narrow rows successfully. The cultivator may also be used as a five-tooth machine by merely unbolting two teeth and arms. Price, \$7.00.

No. 600-E. P. IRON AGE HORSE HOE AND CULTIVATOR



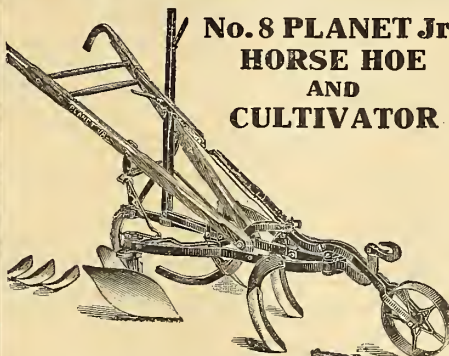
Equipped with side steels or coverers, which can easily be detached, and the regular cultivator teeth, which accompany each implement, attached. Price, \$7.25.



INVINCIBLE CULTIVATOR

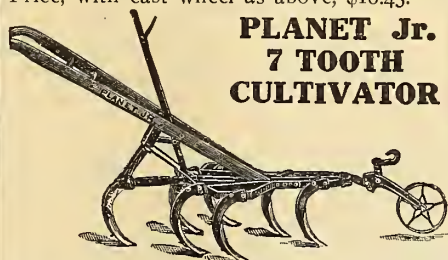
A wonderfully useful tool, at times displacing the hoe and rake almost entirely. The teeth are adjustable, cultivate shallow or deep. Just the thing to run through the truck patch or sash frames after a rain, to keep down weeds, or for stirring up the soil to bring moisture to the surface. A man with one of these tools in a very short while can go over a large tract of garden. Price, 85c. each.

No. 8 PLANET JR. HORSE HOE AND CULTIVATOR



Made of steel throughout. The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by the mere stroke of the arm. The side or covering steels and shovel which is in the rear may be taken off and the arms so turned that when the extra teeth, which accompany the machine, are attached, it presents a perfect five-toothed cultivator. Price, with cast wheel as above, \$10.45.

PLANET JR. 7 TOOTH CULTIVATOR

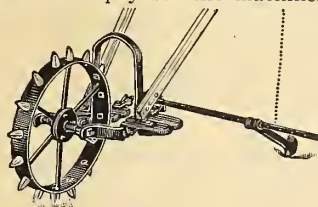


Many gardeners like the 7-tooth cultivator because it prepares the soil better than does the 5-tooth machine. The expanding lever makes possible to cultivate a row of greater width than is possible with a smaller size. Prices, complete, with steel wheel, \$8.75. Without wheel, \$7.60.

PLANET JR. COMBINED SPOT AND DRILL MARKER

This new marker is a great labor saver for market gardeners or vegetable growers. Particularly adapted for onion sets, leeks, celery, cabbage, lettuce, strawberry plants, etc. As a drill marker, the large machine cannot be surpassed, as from one to five rows can be marked at one passage, according to the style machine purchased.

The time and labor saved on this class of work will soon pay for the machine.



Planet Jr. One-Row Marker Attachment

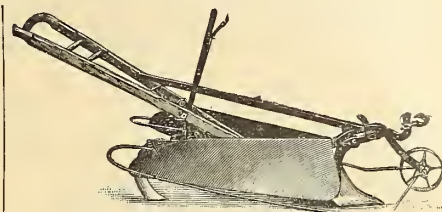
One Row Spot and Drill Marker, can be attached to any Planet Jr. Wheel Hoe Frame. \$2.50 each. (See cut.)

Two Row Spot and Drill Marker...\$7.50

Three Row Spot and Drill Marker...11.50

Five Row Spot and Drill Marker...12.50

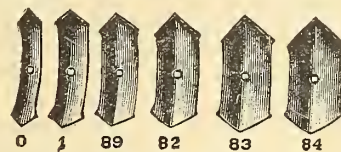
Send for descriptive circular.



Planet Jr. Double Celery Hiller

PLANET JR. CELERY HILLER

For throwing earth against celery plants prior to blanching, nothing equals this machine. Made in two styles. Single, for hilling one side of the row. Double, for hilling one side of two rows. Price, double style, \$19.00; single style, \$15.00.

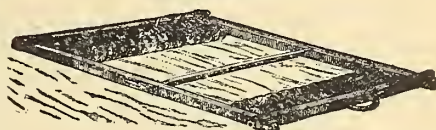


IRON AGE CULTIVATOR TEETH

No.	Width	Each	No.	Width	Each
0-1 1/4	in....	\$0.09	82-3	in....	\$0.10
96-1 1/2	in....	.09	83-3 1/2	in....	.13
1-2	in....	.09	84-4	in....	.14
89-2 1/2	in....	.09	68-4	in....	.12

Bolts for Teeth, 2c. each; per doz., 24c.

THE MEEKER SMOOTHING HARROW



The Meeker Harrow

The ideal implement for the market gardener; it makes a seed bed as fine as can be done with a rake; is easy on the horse and does the work quickly and satisfactorily.

No.	Price
No. 1-4 ft. 6 in. x 4 ft.—8 in. discs.	\$20.00
No. 2-6 ft. 8 in. x 6 ft.—8 in. discs.	22.00
No. 3-8 ft. x 6 ft.—8 in. discs.	26.00
No. 4-8 ft. x 6 ft.—10 in. discs.	28.00

IRON AGE SPIKE TOOTH HARROWS



These are equipped with a lever for lessening or increasing the depth of cultivation and are adjustable instantly. The teeth are equipped so as to readily pass any obstruction in the soil.

No.	Teeth	Sections	Price
1255	25	1	\$6.75
1305	30	1	7.25
2501	50	2	13.25
2601	60	2	14.00

All Prices Subject to Market Changes

Michell's Lawn Mowers, Rollers, Etc.

THE MICHELL HIGH WHEEL BALL BEARING LAWN MOWER

(5 blade cylinder)

15-inch.....\$12.00	19-inch.....\$13.85
17-inch.....13.00	21-inch.....15.25

PENNA. AND CONTINENTAL LAWN MOWERS

Either at the following prices:

Low wheel, 8-in. diameter.

12-inch.....\$9.00	16-inch.....\$11.00
14-inch.....10.00	18-inch.....12.00

High wheel, 10½-inch diameter.

15-inch.....\$14.25	19-inch.....\$18.05
17-inch.....16.15	21-inch.....20.00

PENNA. JR. BALL BEARING

8-inch or low wheel, 5-blade cylinder, 5½-inch diameter.

12-inch.....\$10.00	16-inch.....\$12.00
14-inch.....11.00	18-inch.....12.85

10-inch or high wheel, 5-blade cylinder, 6-inch diameter.

15-inch.....\$15.70	19-inch.....\$19.50
17-inch.....17.60	21-inch.....21.10

PENNSYLVANIA GOLF

For Putting Greens and close cutting.

7 Blades	Ball Bearing
9½ in. Wheel	
17-inch.....	\$21.85
19-inch.....	23.75
21-inch.....	25.65

PENNA. PUTTING GREENS

10-inch.....\$13.30	16-inch.....\$19.00
12-inch.....15.20	18-inch.....20.90
14-inch.....17.10	

COLDWELL'S GREENS MOWER

Chain or Gear Drive without Catcher.

6-blade cylinder.	4-blade cylinder.
14-inch.....\$13.10	14-inch.....\$12.15
16-inch.....14.25	16-inch.....13.80
18-inch.....15.70	18-inch.....15.20
20-inch.....17.10	20-inch.....16.65

TOWNSEND'S GOLF WONDER

16-inch.....\$17.10	} Without Catcher
18-inch.....19.00	
22-inch.....21.00	

Catchers for any of the above, \$2.85 each.

COLDWELL HIGH WHEEL

Ball-bearing, 4-blade cylinder.

14-inch.....\$10.00	18-inch.....\$11.90
16-inch.....10.95	20-inch.....12.85

GREAT AMERICAN BALL BEARING

High wheel.

15-inch.....\$11.00	19-inch.....\$12.85
17-inch.....12.00	21-inch.....14.25

PHILADELPHIA MOWERS

High wheel, style A.	High wheel, style K.
15-inch.....\$11.40	14-inch.....\$7.15
17-inch.....12.35	16-inch.....7.80
19-inch.....13.80	18-inch.....9.05
21-inch.....15.20	20-inch.....9.75

GRAHAM (PHILA.) MOWERS

15-inch H. W. \$15.30	19-inch H. W. \$16.15
17-inch H. W. 14.75	21-inch H. W. 17.60

NEW DEPARTURE MOWER

High wheel, 4-blade.	Low wheel, 3-blade.
15-inch.....\$8.55	12-inch.....\$5.25
17-inch.....9.05	14-inch.....5.70
19-inch.....9.50	16-inch.....6.25

ORCHID LAWN MOWER

High wheel B. B.

14-inch.....\$6.25
16-inch.....6.75
18-inch.....7.60

LAWN TRIMMERS

Grand for cutting around walks, drives, flower beds and borders.

Coldwell.....\$5.25
Penna. Regular style; plain-bearing 5.50
Penna. Undercut style; ball-bearing 6.50
Capitol.....6.25
Coldwell Gem. 8-inch cut.....5.70

GRASS CATCHERS

Braun's Make

For the Pennsylvania, Continental, Great American B. B. and New Departure Mowers.

10-inch.....\$1.35	15-inch.....\$1.70
12-inch.....1.45	17-inch.....1.80
14-inch.....1.60	19-inch.....1.90
16-inch.....1.70	21-inch.....2.00
18-inch.....1.80	

For Coldwell B. B. Mowers

14-inch.....\$1.50	18-inch.....\$1.70
16-inch.....1.60	20-inch.....1.80

For Coldwell Greens Mowers

14-inch.....\$1.90	18-inch.....\$2.20
16-inch.....2.05	20-inch.....2.30

For Penna. Golf Mowers

14-inch.\$2.55	16-inch.\$2.75	17-inch.\$2.75
18-inch. 2.75	19-inch. 2.90	21-inch. 3.00

For Penna. P. G. Mowers

10-inch.\$2.25	12-inch.\$2.45	14-inch.\$2.55
16-inch. 2.75	18-inch. 2.80	

K. C. GRASS CATCHER

Fits any Mower

Made of sheet iron bottom and canvas sides. Price, 12- to 16-inch size, \$1.15 each; 18- to 22-inch size, \$1.30.

HORSE LAWN MOWERS

Coldwell, 25-in.	\$38.00
Coldwell, 30-in., \$63.00; with seat and shafts, \$67.50.	
Coldwell, 35-in., \$77.00; with seat and shafts, \$82.50.	
Coldwell, 40-in., \$107.50; with seat and shafts, \$112.50.	
Penna. Pony, 25-in.	\$31.00
Penna. Horse, 30-in., \$63.00; with seat and shafts, \$75.00.	
Penna. Horse, 38-in., \$83.00; with seat and shafts, \$95.00.	

Penna. Grand Horse Mower

30-inch cut, with draft irons.....	\$68.00
30-inch with seat and shafts.....	80.00
38-inch cut, with draft irons.....	90.00
38-inch with seat and shafts.....	102.50

COLDWELL MOTOR MOWERS

Model J—40-in. cut	\$1,300.00
" F—40-in. cut Prices f o. b.	475.00
" G—35-in. cut factory.	350.00
" H—30-in. cut	300.00

COMBINED OR GANG HORSE MOWERS

Townsend's Triplex, 86-in. cut....	\$260.00
Penna. Trio, 86-in. cut.....	300.00
Coldwell Threesome, 84-in. cut....	300.00

LAWN MOWER OIL (Best Quality)

Quart, 20c.; 35c. per ½ gallon; gallon, 65c.; \$2.50 for 5 gallons.

"BOSS" HAND LAWN ROLLERS

No.	Diam.	Long	Sec.	Lbs.	
No. 1—15 in.	15 in.	2		150....	\$7.60
No. 2—15 in.	22 in.	3		200....	9.90
No. 3—20 in.	16 in.	2		225....	11.00
No. 4—20 in.	20 in.	2		250....	12.30
No. 6—20 in.	24 in.	3		300....	14.70
No. 7—20 in.	24 in.	2		300....	14.70
No. 8—20 in.	30 in.	3		350....	17.00
No. 9—24 in.	20 in.	2		400....	20.10

MICHELL'S WATER BALLAST ROLLER

No.	Sec-tions	Diam.	Width	Weight Empty	Weight filled with water	Price
603.....	1	24	24	180	525	\$14.10
604.....	1	24	32	200	665	15.60
605.....	2	18	24	175	395	14.85
606.....	2	24	32	230	650	20.50

Prices on Horse Rollers on application.



GRASS SHEARS

No.			
012—6	-inch	American.....	\$0.90
012—7	-inch	American.....	1.10
119—7½	-inch	Saynor (inside spring)	1.90
120—7½	-inch	Saynor.....	1.55
0267—6	-inch	American.....	.65
050—5½	-inch	American.....	.50
263—5½	-inch	Trowel Shank.....	.30



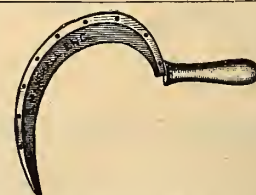
SCYTHES

	Each
English, 32-inch, rivet back.....	\$1.25
English, 34-inch, rivet back.....	1.35
English, 36-inch, rivet back.....	1.45
English, 38-inch, rivet back.....	1.50
American, Little Giant, 32-inch.....	1.05
American, Little Giant, 34-inch.....	1.10
American, Little Giant, 36-inch.....	1.20
Bush	1.10
SNATHES for Scythes.....	.85



SHARPENING STONES

	Each	Doz.
Talacre (Style American).....	\$0.20	\$2.25
Darby Creek.....	.12	1.20
Carborundum .....	.25	2.50



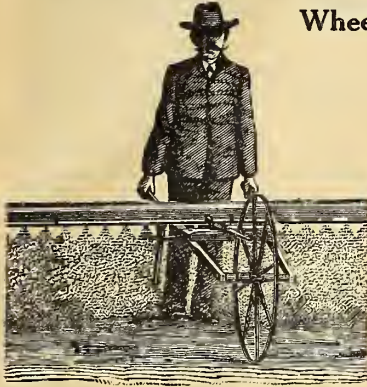
SICKLES OR GRASS HOOKS

English Soldier, No. 3, each, 60c.; \$6.00 doz.	
English Soldier, No. 2, each, 50c.; 5.50 doz.	
English Soldier, No. 1, each, 50c.; 5.50 doz.	
Dutch, small, No. 1, unobtainable now.	
Dutch, large, No. 2, unobtainable now.	
Little Giant, each, 45c.; 5.00 doz.	
Solid Back, No. 2, each, 45c.; 5.00 doz.	

All Prices Subject to Market Changes

(hi)

NECESSITIES FOR GOLF AND GRASS GROUNDS



Wheelbarrow Grass Seeders

These machines are now extensively used for distributing grass and other seeds over large areas. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away, and thus coming up unevenly (14 feet sowing area). No. 5, for clovers, timothy, etc., \$7.50. No. 9, for grass seeds, clover and timothy, \$8.50.

"Velvetlawn" Seeder

An excellent machine for properly sowing grass seed. It places it in the ground in close furrows, covers and rolls it at one operation. The result is an even, quick growth of grass. Fine for resowing established lawns. Hand Machine, seeding 16 inch area. \$18.00.

Horse Machines

2 horse sows 48-in. area, with drag chains, f. o. b. factory, \$52.50.

The Stevens Fertilizer Distributor

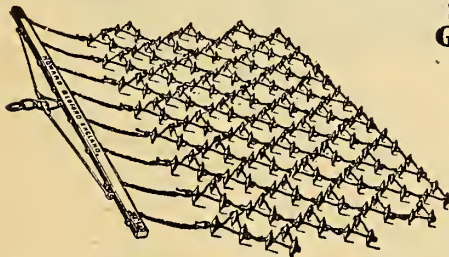


Hand Machine for distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds

about 1 3/4 bushels. Covering area, 3 feet wide. Price, \$12.00.

Horse Machine. This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is equipped with broad tires, which do not readily cut into the ground. It is furnished equipped for either one or two horses as may be desired. Prices f. o. b. factory, 5 foot 10-inch spreading area, \$37.00; 8 foot 3-inch spreading area, \$42.50; 10 foot 3-inch spreading area, \$46.00.

Scotch Chain Grass Harrow



also for dragging over roads and drives for the purpose of smoothing same. Made entirely of steel; never wears out.

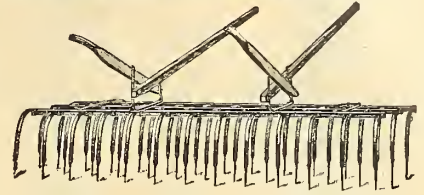
No. 1—For 1 horse, 5 x 6 feet. Weight, 126 lbs. \$19.00
No. 2—For 2 horses, 6 x 7 1/4 feet. Weight, 236 lbs. 26.50
No. 3—For 2 horses, 9 x 11 feet. Weight, 357 lbs. 33.50

Birch Brooms

These are fine for sweeping leaves and litter from putting greens, also for breaking up worm casts. They can be used with or without a handle. Price without handle, 25c. each; doz., \$2.50; \$17.50 per 100; 25 at the 100 rate.

Keystone One-Horse Weeder

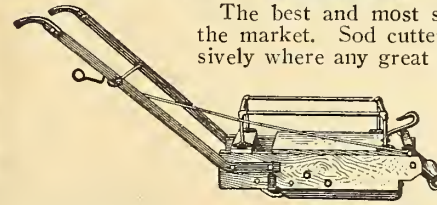
It stirs the soil, keeps down weeds and prevents evaporation of moisture. It can be adjusted to cover a 7 1/2-foot stretch or graduated down to a 2 1/2-foot stretch. Any of the teeth can easily be removed if it is desired not to cultivate very finely. The teeth are narrow, go into the soil easily; do not cultivate deep, like other machines. The ideal tool to keep down weed growth in land that is to be sown in grass seed. Price, \$9.50.



The Keystone Adjustable Weeder

The best and most satisfactory machine on the market. Sod cutters are now used extensively where any great amount of cutting is to be done; work can be accomplished better with this machine; you can cut as much in one hour as two men all day.

The New Champion Sod Cutter



Price, \$23.00

Extra Knives for Sod Cutters.....\$4.25

Penna. Lawn Cleaner and Rake



Steel rotating rake teeth with flexible teeth bars so it will readily pass over any obstruction; excellent for cleaning lawns, greens, tennis courts. These are not intended for sweeping or cleaning worm casts off greens. 24-inch cleaning area, price, \$15.20; 36-inch cleaning area, price, \$23.75.

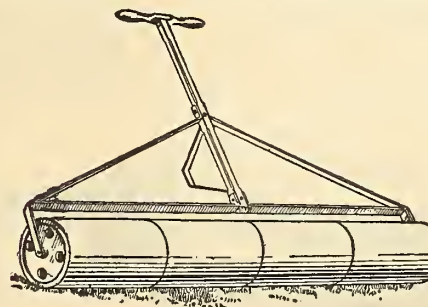
Putting Green Rollers (Wood)

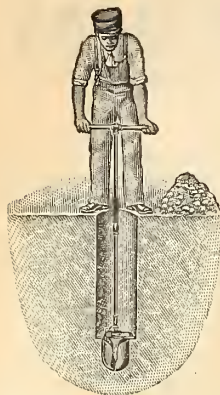
The day of the heavy roller, so far as its use on putting greens is concerned, has passed. Green-keepers have found that a roller about 4 feet wide, weighing about 150 lbs., is the right thing.

Made in four sections, each 12 in. long, 10 in. in diameter, making a total width of 48 inches. Made of hard wood and finished in a first-class manner.

Price, \$16.50.

We can also supply all other golf course necessities that might come within our line.



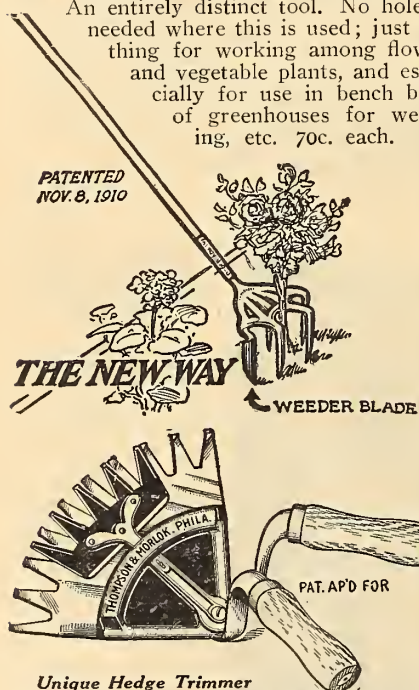


No. 8 POST HOLE DIGGER

This is really an earth auger, as will be seen by the illustration; will bore a hole $3\frac{1}{2}$ ft. deep and can be adjusted in diameter from 8 to 14 inches. It can be emptied instantly; it is made of the finest steel and a man with one of these can do 3 times as much work as with an ordinary digger. Price, \$3.25. No. 15 Eureka Posthole Diggers, \$1.10 ea.

Mehler Handy Gardener

An entirely distinct tool. No hole is needed where this is used; just the thing for working among flower and vegetable plants, and especially for use in bench beds of greenhouses for weeding, etc. 70c. each.



Unique Hedge Trimmer

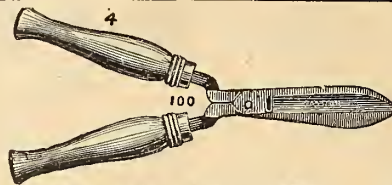
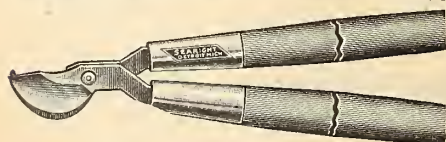
UNIQUE HEDGE TRIMMER

A practical tool for trimming the summer growth of hedge. It works like a charm, and leaves the hedge in better shape than you could with any other shear, and does the work in one-quarter the time. Guaranteed satisfactory; cut 11-inch swath. Price, \$4.75.

LOPPING SHEARS

For tree and heavy hedge pruning.

No. 109 English. 4 in. cut.....\$3.75
No. 1 Clyde Lopper. 25 in. long, $1\frac{1}{2}$ in. jaw 1.00
No. 2 Clyde Lopper (see cut). 26 in. long, $2\frac{1}{2}$ in. jaw..... 2.00
Rhodes' Double Cut. 28 in..... 2.75



HEDGE SHEARS

No.		Plain Bolt
107	$5\frac{1}{2}$ -inch Ladies'	\$0.90
101	8 " "	1.35
101	9 " "	1.60
101	10 " "	1.80
101	12 " "	2.25

Saynor Hedge Shears (Fly Nut)

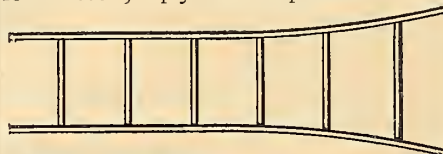
For very heavy hedges.

No. 101. 9 in..\$2.70	No. 101. 10 in..\$2.90
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NEVERSLIP HEDGE SHEARS

These shears have a saw edge on one blade which prevents them from slipping when cutting; made of the best quality English steel.

8 inch.... } We are unable owing to European complications to supply these at present.
9 " }
10 " }

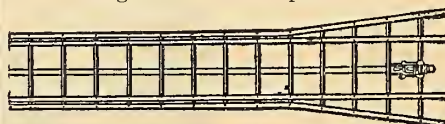


SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots; with perfect rounds. The ladders we supply are straight, without the curve in the standards, as the illustration shows.

10 ft.....\$2.20	16 ft.....\$3.56
12 ft..... 2.64	18 ft..... 3.96
14 ft..... 3.08	20 ft..... 4.40

Longer sizes at 22c. per foot.



EXTENSION LADDERS

These are made in the best manner possible, are complete, being equipped with the necessary rope and pulleys. The ladders we supply are straight, without the curve in the standards, as the illustration shows.

16 ft.....\$4.32	26 ft.....\$7.02
18 ft..... 4.86	28 ft..... 7.56
20 ft..... 5.40	30 ft..... 8.10
22 ft..... 5.94	32 ft..... 8.64
24 ft..... 6.48	34 ft..... 9.18

36 to 44 ft. size at 26c. per foot.



GRAFTING WAX

$\frac{1}{4}$ lb., 8c.; 12c. $\frac{1}{2}$ lb.; 1 lb., 20c.; 90c. per 5 lbs.



GRAFTING TOOL

Parcel Post weight, 1 lb.

Best English steel for grafting trees, etc. With Wood Handle (see cut)....\$0.70
All Steel55

MICHELL'S RUBBISH CONSUMERS

Made of heavy galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc.; without endangering property. Will last a lifetime.

	Diam.	High.	Price
A,	12 in.	x 18 in.,	\$1.10
B,	15 in.	x 22 in.,	1.35
C,	18 in.	x 26 in.,	1.60
D,	21 in.	x 31 in.,	2.25

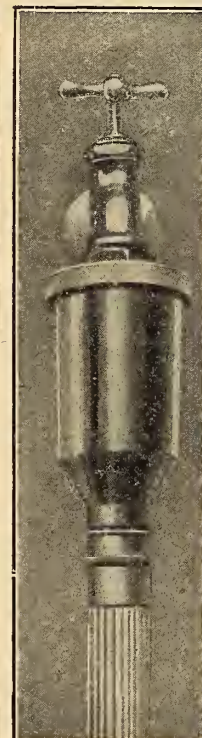
Extra Heavy Rubbish Consumer

Made of diamond mesh heavy wire.

E, 20 in. x 30 in.....	\$7.50
F, 24 in. x 36 in.....	11.50

KIRKE SALT CARTRIDGE AND HOLDER

For Preventing and combating Red Spider



For a number of years salt has been regarded an effective remedy in conjunction with water for fighting red spider; it has been used for this purpose extensively by Carnation growers; the chief difficulty has been the application thereof. The Kirke Salt Cartridge and Cartridge Holder make this, however, a very simple matter. As the illustration shows the holder (inside of which is put a cartridge of compressed salt) is attached directly to the water line as you would attach hose, the latter being fastened to the holder instead of the spigot. The holder may also be used in making application of other Kirke Products in concentrated form as offered below. Full directions with each order.

Showing how the Kirke Fertilizer and Insecticide Cartridge holder is attached to the spigot.

Nickel Cartridge Holder ready to attach to any $\frac{3}{4}$ -inch hose, \$1.90.

	Each	Per 6	Doz.
Fertilizer Cartridges ..	\$0.20	\$1.05	\$1.90
Tobacco Cartridges. For outdoor use .....	.30	1.50	2.85
Arsenate of Lead Cartridges .....	.38	2.05	3.80
Bordeaux Mixture Cartridges .....	.25	1.30	2.40
Tobacco Cartridges. For greenhouse use .....	.30	1.50	2.85
Salt Cartridges. For spraying carnations, etc.; for red spider, etc. ....	.10	.55	.90



SPADING FORKS

Strapped shanks, short or D-wood handle.
Made of best quality steel. Each

Men's 4 tine.....	\$1.10
5 ".....	1.20
Boys' or Ladies', 4 tine.....	.60



STEEL SPADES

Ames, Short Handle.....	Each \$1.40
Maynard, Short Handle.....	1.40
Nursery (Ames), Short Handle.....	1.75
Imperial, Short Handle.....	1.10
Long Handled Imperial.....	1.10
Boy's .....	.75
English Turf	4.75



SHOVELS

We handle only the very best makes of steel shovels. Every one is guaranteed to give entire satisfaction.

Short Handle	
Ames, round point.....	Each \$1.40
Ames, square point.....	1.40
Maynard, solid socket, square point....	1.40
Maynard, solid socket, round point....	1.40
Imperial, round point.....	1.10
Imperial, square point.....	1.10
Long Handle	
Ames, round point.....	\$1.40
Imperial, round point.....	1.10
Imperial, square point.....	1.10
Featherweight, round point, 4¼ lbs.	1.25
Maynard, round point.....	1.40



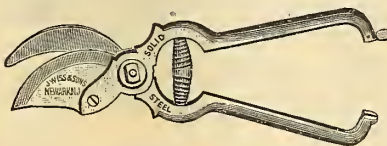
LEAF RACKS, WATER BARRELS, ETC.

The truck is constructed so that the barrel may be attached quickly and the leaf rack or stone box may be detached.

Leaf Rack only, no truck.....	\$6.00
" " with 1½ inch truck.....	13.00
" " with 2½ inch truck.....	14.00
" " with 3½ inch truck.....	15.25
Water Barrel with 1½ inch truck.....	11.25
" " with 2½ inch truck.....	12.00
" " with 3½ inch truck.....	13.00
Extra Barrels with trunnions.....	4.40
Keystone Leaf Rack.....	4.50

PRUNING SHEARS, ETC.

Our pruning shears are procured from the most reliable makers in America and Europe and all are fully guaranteed in every particular.



No. Wiss Pruning Shears

109 Wiss, 8 in.....	\$2.00
60 Pexto American.....	.65
65 " ".....	.90
165 " ".....	1.10
R165 " ".....	1.35
R70 " ".....	1.35
R170 " ".....	1.55
1401½ 6½ in.....	.40
88 Hessenbruch, 8 in.....	1.10
1537 German, 8 in.....	.55
14 Ladies' nickeled, 6½ in.....	.90
Perfection, 8 in.....	2.00

Spiral Springs for the above pruners, 10c. each; doz., \$1.00.

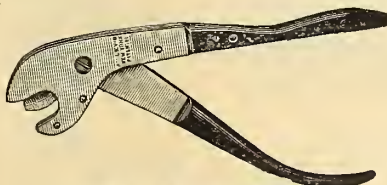


FRENCH PRUNING SHEARS

These have a distinct, very easy working, spring and are especially desirable for one whose hand is liable to fatigue when pruning.

French, small, 7 inch.....	\$1.15
" large, 8½ inch.....	1.35

Springs for French Pruning Shears, 25c. each.

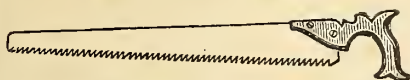


LEVIN PRUNER

On account of its peculiar construction, the handle of this shear affords a great deal of leverage. Ideal for cutting stakes. Price, 65c.

Spiral Springs for Pruning Shears, 10c. each; per doz., \$1.00.
Spirals for French Pruning Shear, 25c.

PRUNING SAWS



16 inch, single edge.....	\$0.70
18 " ".....	.80
20 " ".....	1.00
22 " ".....	1.15



18 inch Duplex (double edge).....	\$0.80
20 " ".....	1.10

Our Pruning Saws are procured from Disston Saw Works.

TREE PRUNERS



Disston's Pole Pruner



Pruner and Saw

Disston's Little Giant. (See cut)....\$1.15
Disston's Little Giant. With saw attachment. (See cut)..... 1.60



Waters Tree Pruners

With removable cutting blade and pole complete.

4 feet	\$0.70
6 ".....	.80
8 ".....	1.00
10 ".....	1.10
12 ".....	1.20
14 ".....	1.45

Extra Blades for Waters Pruners, 20c. each.

TELEGRAPH TREE PRUNERS

Similar to the Waters pattern, except there is no pole, rod or handle therewith, 90c. each; extra blades for same, 20c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope.

POLES for Tree Pruners.

12 feet long, 1½ inches diameter.....	\$0.50
14 feet long, 1½ inches diameter.....	.70
16 feet long, 1½ inches diameter.....	1.00

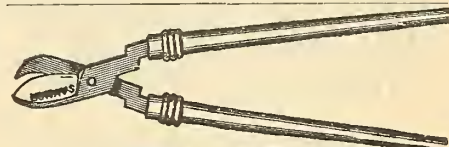
LEATHER PRUNING GLOVES

Buckskin, pair	\$1.75
Buckskin, with gauntlets, pair.....	2.35

PRUNING COMPOUND

Used for painting the wounds of trees after pruning.

1 quart	\$0.30
1 gallon	1.00



LOPPING SHEARS

No. 109 English (see cut).....	\$3.75
No. 1 Clyde Lopping Shear.....	1.00
No. 2 Clyde Lopping Shear.....	2.00
Rhodes Double Cut.....	2.75

**STEEL GARDEN RAKES**

Made of best cast steel, with long teeth for penetrating the ground.

6 tooth.....\$0.45	12 tooth.....\$0.55
8 tooth......45	14 tooth......60
10 tooth......50	16 tooth......65

**STEEL GRAVEL RAKES**

These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

12 tooth.....\$0.50	16 tooth.....\$0.70
14 tooth......65	18 tooth......75
20 tooth.....\$0.80	

**STEEL BOW RAKES**

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

11 tooth.....\$0.60	13 tooth.....\$0.65
15 tooth.....\$0.70	

**WIRE LAWN OR GRASS RAKE**

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible. No. 2046—46 tooth for putting greens, 70c. each.

124R—24 tooth.\$0.45	36LR—36 tooth.\$0.75
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**OLE OLSEN LAWN RAKES**

This rake head is slightly curved from the centre to each end which does not allow any material that has been caught by the teeth to slip around the edges.

26 tooth, hickory wood. Price, 50c.

**LAWN KING RAKES**

Made of best hard wood, thoroughly braced with iron. The most excellent wooden lawn rake in the market.

22 tooth.....\$0.35	38 tooth.....\$0.70
50 tooth.....\$0.90	

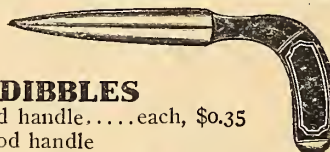
LANG'S HAND WEEDER

HANDIEST TOOL ON EARTH.

25c. each, doz. \$2.50



Eureka Weeding Fork, 25c. each, doz. \$2.50

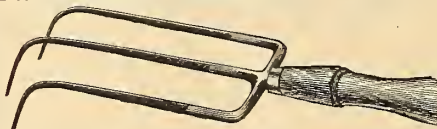
**DIBBLES**

Iron, wood handle.....each, \$0.35

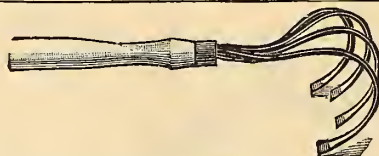
Brass, wood handle (5 for \$3.00).....each, .65



Hazeltine Weeder, 25c. each, doz. \$2.50



Eureka Weeder, 25c. each, doz. \$2.50



Yoder Weeder, 25c. each, \$2.50 per doz.

**JOHNSON'S STEEL TROWELS**

These are made of one piece steel blade and shank, equal to the imported trowels.

	Each	Doz.
5 inch.....	\$0.35	\$3.75
6 inch.....	.45	5.00
7 inch.....	.55	6.00
8 inch.....	.65	7.25

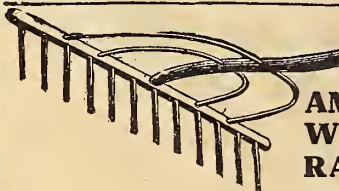
**STEEL SHANK TROWEL**

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. One of them will last a lifetime. 55c. each; doz., \$6.00.

**AUTO LAWN RAKE No. 205**

This rake is fitted with an unloading head. While raking, this head lies forward, and upon pressing the rake forward, the unloading head moves backward cleaning out the raking head entirely.

26 tooth.....	\$0.55
38 tooth.....	.85

**AMES WOODEN RAKES**

No.

30X, 14 tooth, wood bows	\$0.50
36X, 24 tooth, wood bows. For lawns ..	.65
37X, 24 tooth, steel bows. For lawns ..	.75
20 tooth, lawn, wire braced.....	.35

MARKING RAKES

These are for marking out garden rows; adjustable brass teeth, which are set for any width row desired up to 4½ ft. Price, 5.00. (Extra teeth, 50c. each.)

**HALF MOON HOES**

Best steel, solid sockets, which will not pull out.

3-inch	\$0.50	6-inch	\$0.65
4-inch .....	.55	7-inch .....	.70
5-inch .....	.60	8-inch .....	.80

**SQUARE HOES**

6-inch, solid shank.....	\$0.60
7-inch, solid shank.....	.65
8-inch, solid shank.....	.70

SQUARE CELERY HOES

10-inch	\$0.90	14-inch	\$1.35
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CLEVE'S ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn, etc.

5-in....	\$0.12	6-in....	\$0.15	7-in....	\$0.20
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MISCELLANEOUS TROWELS

No.

213—5-in., Thin Steel. Each, 8c., doz., 90c.	
213—6-in., Thin Steel. Each, 10c.; doz., \$1.	
5—6-in., Heavy Steel. Each, 20c.; doz., \$2.	
Neverbreak—6-in. Each, 10c.; doz., \$1.	

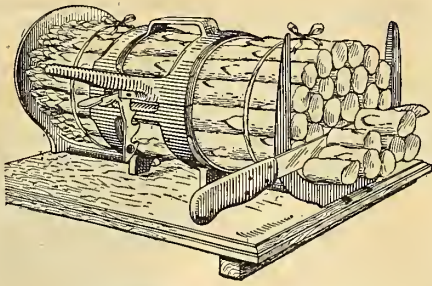
All Prices subject to Market Changes

ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform. **Buncher**, with Knife Guard, \$1.75.

ASPARAGUS TAPE

In fast colors, green and red, glazed finish. 1000-yard spools, \$3.25 per spool; 5 spools, \$15.50.

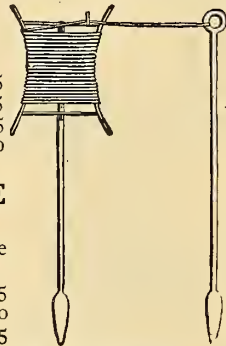


ASPARAGUS KNIVES

Bateman's \$0.35
American. V-shaped blade..... .45

GARDEN REELS

Small, Single...\$0.55
Medium, Single... .75
Large, Single... 1.85
Large, Double... 2.50



Single Garden Reel

GARDEN LINE

Best quality white cotton braided.
100 ft. hanks....\$0.85
200 ft. hanks.... 1.60
300 ft. hanks.... 2.25

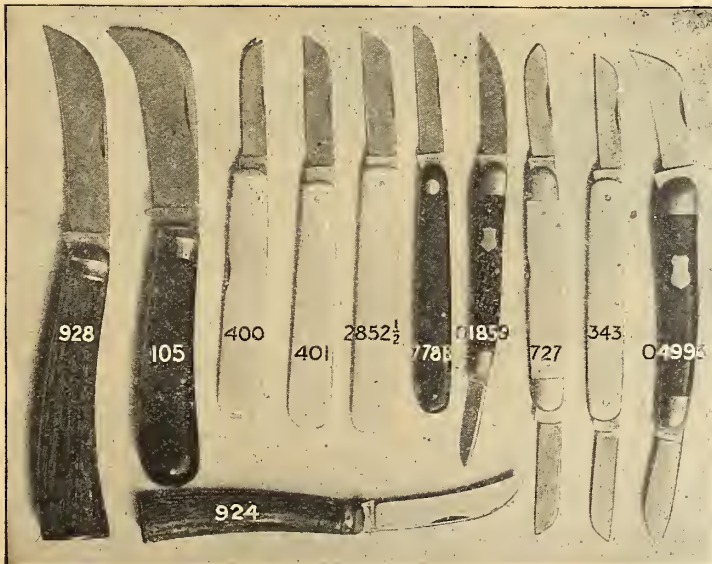
Plow Line Cotton, 45-foot hanks, 50c.

SOD TAMPERS

When laying sod it is necessary to properly firm it down, so that it will take new root quickly. It is also convenient for firming the soil or lawn on places where a roller cannot be used; made of iron with wood handle, 12 inches square; weight, 26 lbs. Price, \$1.25 each.

SOD PERFORATORS

A convenient implement for use in loosening soil in places where sod is worn out preparatory to sowing grass seed. Price, \$3.25.



ROOFING PAPER, ETC.

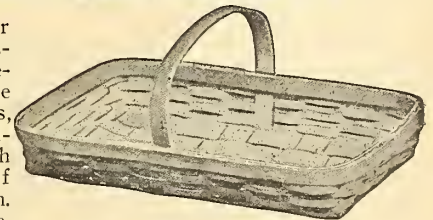
For lining greenhouse sides, waterproofing roofs, etc.



Sq. ft. per roll Per roll
Celery Paper. For covering Celery Banks. \$7.00 for five rolls 500 \$1.50
Neponset Red Rope. 500 5.50
" " " 250 2.75
" " " 100 1.20
Tar or Pitch, 2-ply.. 100 1.35
" " " 3-ply.. 100 1.60
Paroid, 1-ply..... 108 2.25
" 2-ply..... 108 3.00
" 3-ply..... 108 3.80
Caps for tar paper. Lb., 7c.; 5 lbs., 30c.
Nails for tar paper. Lb., 7c.; 5 lbs., 30c.

ENGLISH GATHERING BASKETS

Very convenient for carrying berry boxes, asparagus and other vegetables; also very suitable for gathering flowers, roses, carnations, enabling one to have both hands free; made of oak; 12 in. wide, 23 in. long, 4 in. deep. Price, 65c. each; doz., \$7.20.

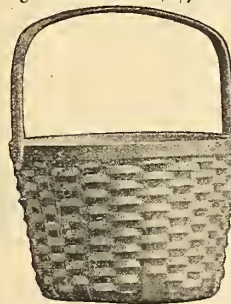


English Gathering Basket

OAK BASKETS

For fruit and vegetable harvesting; strongly made. These also make excellent baskets for placing weeds in when working among greenhouse plants.

1 bu. size, no handle, 65c. each; per doz., \$7.25.
½ bu. size, no handle, 45c. each; per doz., \$4.75.
½ bu. size, with drop handle, 55c. each; per doz., \$6.00.
½ bu. size, with stiff handle, 55c. each; per doz., \$6.00.



SPLINT BASKETS

	With Stiff Handle		Without Handle	
	Per doz.	Per 100	Per doz.	Per 100
¼ bu.....	\$0.60	\$4.50	\$0.55	\$4.25
½ bu.....	.65	4.75	.60	4.50
¾ bu.....	1.10	7.50	.90	7.00
1 bu.....	1.50	10.50	1.40	10.00

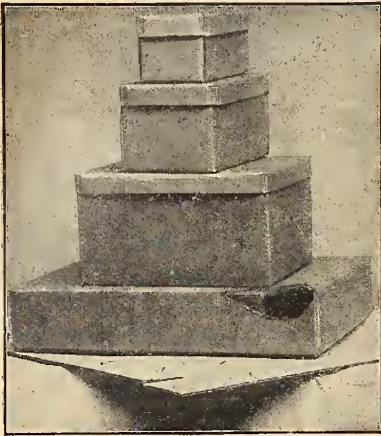
FLORISTS' HORTICULTURAL KNIVES

A good knife is an essential to every progressive florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel, every one is guaranteed to be perfect and give good satisfaction. (See key to numbers in the illustration opposite.)

No.	Each
343	2 Blade Saynor, brass lined, ivory handle..... \$2.00
727W	2 Blade German, brass lined, white handle..... 1.00
04993	2 Blade German, steel lined, ebony handle..... .90
400	1 Blade Saynor, not lined, ivory handle..... 1.75
401	1 Blade Saynor, not lined, ivory handle..... 1.65
2852½	1 Blade German, not lined, bone handle..... .90
928	1 Blade English, steel lined, stag handle..... 1.50
924	1 Blade English, steel lined, stag handle..... 1.15
778B	1 Blade German, brass lined, ebony handle..... .60
105	1 Blade heavy German, steel lined, cocoa handle .65
303	2 Blade Saynor Pruning, stag handle..... 1.35
01859	2 Blade Budding and Pruning..... .75

All prices subject to Market Changes.

94 MICHELL'S SUNDRIES FOR FLORISTS, Etc.



CORRUGATED PAPER CUT FLOWER BOXES

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones, carrying the contents as safely, will stand numerous trips, and when needed to be replaced involve small expense.

Special sizes to order in lots of not less than 100 of a kind. Price on application.

	Each	Doz.	100
48 x 14 x 8 inch.....	\$0.50	\$5.00	\$35.00
42 x 14 x 8 inch.....	.40	4.00	31.00
36 x 14 x 6 inch.....	.30	3.25	23.00
30 x 8 x 5 inch.....	.25	2.50	15.00
24 x 8 x 5 inch.....	.20	2.00	13.00

STRAPS

For carrying large cut flower boxes. Eight feet long, of best leather, \$2.50 each. Canvas Straps, 60c. each.

LIGHT WEIGHT PAPER BOXES

	Per Doz.	Per 100	Per 1000
16 x 4 x 3 inch.....	\$0.45	\$3.20	\$28.80
16 x 7 x 3½ inch.....	.65	4.20	37.80
18 x 5 x 3 inch.....	.55	3.60	32.40
18 x 7½ x 3½ inch.....	.70	4.80	43.20
20 x 4 x 3 inch.....	.55	3.50	31.50
21 x 5 x 3¼ inch.....	.65	4.10	36.90
21 x 8 x 4 inch.....	.80	5.80	52.20
24 x 5 x 3½ inch.....	.70	4.70	42.30
24 x 6 x 4 inch.....	.80	5.50	49.40
24 x 8 x 5 inch.....	.95	7.00	63.00
30 x 5 x 4 inch.....	.85	6.10	54.90

EXTRA HEAVY WEIGHT PAPER BOXES

	Per Doz.	Per 100
21 x 15 x 7 inch.....	\$2.40	\$17.91
23 x 12 x 5 inch.....	1.35	10.35
24 x 15½ x 7½ inch.....	2.70	20.16
28 x 8 x 4 inch.....	1.10	8.28
28 x 8 x 5 inch.....	1.20	9.00
30 x 9 x 4 inch.....	1.23	9.18
30 x 9 x 6 inch.....	1.53	11.43
30 x 12 x 6 inch.....	1.78	13.32
30 x 14 x 8 inch.....	2.34	17.55
36 x 8 x 5 inch.....	1.50	11.25
36 x 12 x 6 inch.....	2.14	16.02
40 x 14 x 7 inch.....	2.60	19.44

WREATH BOXES Heavy Weight

	Per Doz.	Per 100
15 x 15 x 5¼ inch.....	\$1.34	\$10.00
18 x 18 x 8 inch.....	1.90	14.22
20 x 20 x 8 inch.....	2.31	17.38
22 x 22 x 8 inch.....	2.45	18.36
24 x 24 x 8 inch.....	2.74	20.52

See also top of next column.

BOUQUET BOXES Heavy Weight

	Doz.	100
10 x 10 x 8 inch.....	\$1.12	\$8.37
12 x 12 x 8 inch.....	1.20	8.91
14 x 14 x 10 inch.....	1.75	13.15
16 x 7 x 6 inch.....	.80	5.94
18 x 9 x 6 inch.....	1.15	8.40
25 x 9 x 6 inch.....	1.40	10.55
28 x 9 x 7½ inch.....	1.65	12.45

SPECIAL NOTE.—If customers desire their boxes printed this can be done very readily. There is no charge when the order amounts to \$20.00 or more in one or assorted sizes; if less are ordered the charge for printing in one color is \$1.00 for the lot.

We can also supply Violet Boxes, green and grey felt board boxes.



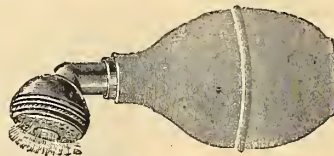
BASKET OR CEMETERY HOOKS

Thoroughly galvanized

	Each	Doz.
Single, 5/16 inch thick.....	\$0.45	\$4.75
Double (see cut), 7/16 in. thick.....	.80	9.00

PAPER FOR FLOWERS

	Sheets per ream	Lb.	Ream
Manilla. For wrapping.....	480	\$0.12	\$3.00
Manilla. Tissue.....	480	.20	1.75
Wax. White. 24x36 in.....	480	.25	2.10
Wax. Green. Best quality, 24x36 inches....	480	.26	2.25
White Tissue. 20x30 in.....	480	.20	1.75



SPRAYWELL RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, etc.
Straight Neck. 8 ozs. capacity.....\$0.60
Straight Neck. 10 ozs. capacity..... .80
Crook Neck. 8 ozs. capacity..... .60
Crook Neck. 10 ozs. capacity..... .80



CARNATION MENDERS Carnation Staples

For calyx mending. 35c. per 1000, 5000 for \$1.50, \$2.80 for 10,000, 25,000 for \$6.50, \$12.50 for 50,000.

Rubber Bands

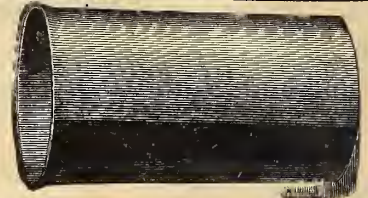
Ounce, 25c.; ¼ lb., 85c.; ½ lb., \$1.60; 1 lb., \$3.00.

Bauer Carnation Outfits

Pliers and 1000 clips, \$2.50.
Pliers, each, \$2.00. Clips, 65c. per 1000, postpaid; \$3.00 per 5000.

SPECIAL NOTE

Owing to the unsettled conditions prevailing in all lines of manufactured goods all prices are subject to change without notice.



WOOD FIBRE FLOWER VASES

No.	Diam. inside	Depth inside	Each	Doz.
0.....	8 in.	13 in.	\$0.80	\$8.00
1.....	5½ in.	10 in.	.70	7.04
2.....	4½ in.	9 in.	.60	6.08
3.....	4 in.	6 in.	.50	5.04
4.....	3 in.	4½ in.	.40	4.00
00.....	9 in.	21 in.	3.10	31.20
11.....	5 in.	18 in.	.80	8.00
22.....	4½ in.	15 in.	.70	7.04
33.....	4 in.	12 in.	.60	5.08
44.....	3 in.	9 in.	.50	5.04



IDEAL FLOWER VASES (Galvanized Iron)

Absolutely indestructible and unbreakable, made of heavy galvanized iron riveted and soldered so they cannot leak or come apart. The top and bottom are overlapped, which serves as a reinforcement against wear.

No.	Deep	Diam at top	Each	Doz.
1—	6 in.	6½ in.	\$0.45	\$5.00
2—	8 in.	9¼ in.	.65	7.00
3—	9 in.	7¾ in.	.50	5.50
4—	12 in.	9¼ in.	.70	7.70
5—	9 in.	5½ in.	.50	5.50
6—	11 in.	7 in.	.60	6.50
7—	13¾ in.	8¼ in.	.60	6.50
8—	19 in.	7¾ in.	.85	8.80

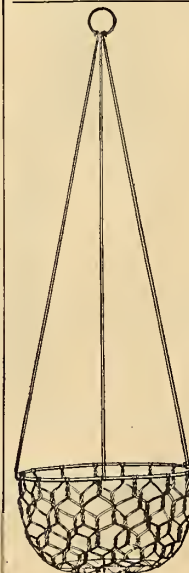
These vases with ordinary care will last many years.

WIRE BASKETS

Complete with Hanger.

These are extra well made and will last many years.

If florists would carry a few of these filled with assorted plants suited to the purpose it would often suggest a sale that is otherwise not made, and besides a filled hanging basket is a great attraction.



	Each	Doz.	100
8 in.	\$0.15	\$1.75	\$14.00
10 in.	.25	2.75	22.50
12 in.	.70	3.40	28.00
14 in.	.40	4.60	38.00
16 in.	.50	5.75	45.00

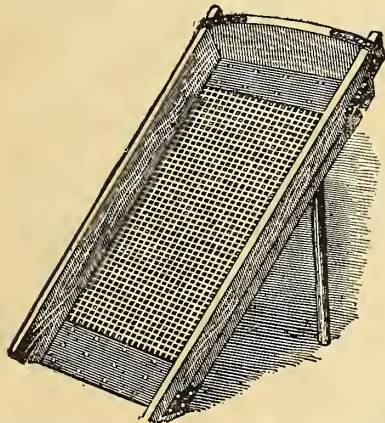
Six Wire Hanging Baskets of a size at dozen rate; 50 at 100 rate.

THE CLARK WAGON HEATER

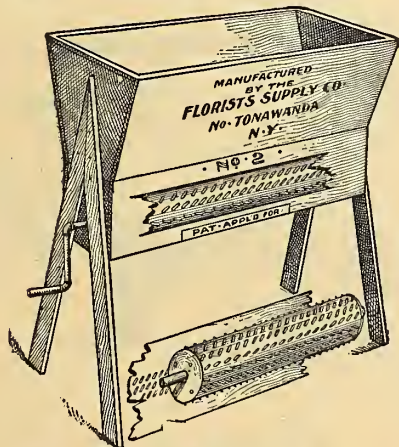
This indestructible steel wagon heater is admirably suited to the needs of all who operate delivery wagons for goods subject to freezing. It yields a strong, steady heat without smoke or odor. *Strong, safe and practical.* Price, \$2.00 each.

**SIEVES (ANY SIZE MESH)**

Made extra well, of galvanized wire and hard wood. Each
20 inch Foundry (extra heavy) \$0.80
20 inch Regular wire70
18 inch Regular wire60



Large Upright Sieve for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire, \$9.50 each.

**Sod Crusher and Soil Pulverizer**

These machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding the necessity to sift.

No. 1, \$16.00 | No. 2, \$21.00 | No. 3, \$31.00

We can also supply Wolff's Automatic Soil Sifters. Write for prices.

Liquid Manure Distributor (See Opposite)

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. All brass.

Price, \$1.80 each. (Parcel Post weight, 2 lbs.)

WAGON AND AUTOMOBILE HEATERS

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No.		Each
5.	Single drawer, 14 in. long.....	\$1.75
5B.	Single drawer, 14 in. long covered with Brussels carpet	2.00
7B.	20 in., single drawer, Brussels carpet	3.75
7C.	20 in., single drawer, velvet carpet	4.25
10.	Three drawers. (See cut.)	7.00
	Lehman Coal for Wagon Heaters. 70c.	
	per doz. bricks; per 100, \$5.25.	
	Tongs for Handling Hot Coals. 25c.	
	Illustrated circular on request.	

**IRON PLANT STANDS
STAR STYLE**

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

Height	Each	Doz.
12 inches ...	\$0.60	\$6.75
18 " ...	.70	8.00
24 " ...	.85	9.50
30 " ...	1.00	11.25
36 " ...	1.25	14.00
42 " ...	1.35	15.00

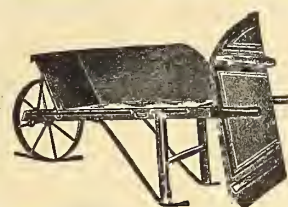
SUPERIOR STYLE

Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enamelled green.

Height	Size of Plates	Price Each	Per Doz.
12 inch.....	5 x 7	\$0.75	\$8.25
18 "	5 x 7	.80	9.00
18 "	8 x 10½	.95	10.75
24 "	8 x 10½	1.05	12.00
24 "	8 x 12	1.15	13.25
30 "	8 x 10½	1.20	13.75
30 "	8 x 12	1.30	14.75
36 "	8 x 10½	1.30	14.75
36 "	8 x 12	1.40	15.75
42 "	8 x 10½	1.40	15.75
42 "	8 x 12	1.50	17.00
48 "	8 x 12	1.60	18.00
60 "	8 x 12	1.70	19.25
72 "	8 x 12	1.80	20.00

EXTRA PLATES FOR IRON STANDS

	For Superior	For Star
	Each	Doz.
5 inch	\$0.22	\$2.50
7 " .....	.30	3.30
8 " .....	.40	4.50
10½ " .....	.50	5.50
12 " .....	.55	6.00

**WHEELBARROWS
MICHELL'S SPECIAL GREENHOUSE**

This a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 inches in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each, \$6.00.

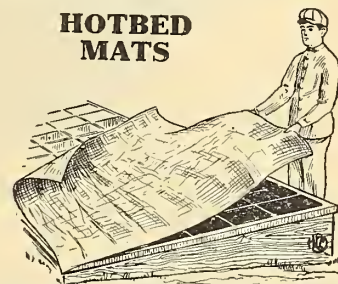
Special Greenhouse Barrow

12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each, \$6.00.

OTHER WHEELBARROWS

No.	Tire In.	Length In.	Depth In.	Width In.	Price
Eastern...3					
" ..4	3	26¼	11½	27	\$5.00
" ..5	3	28¼	11¾	27	5.50
Boy's size..2	2	21¾	9¼	20	3.00
Canal—Side dump (bolted).....					3.50

The "Eastern Style" is substantially built, carefully braced and bolted, just the kind of a barrow you would expect to give you long, faithful service.

HOTBED MATS

Hotbed mats keep frosts and severe cold out of frames. They mean earlier and bigger crops.

The Burlap are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible. The straw mats dry out more readily and are preferred by many gardeners.

Burlap. 76x76 inches, covering two regular size sash. Each, \$2.25; doz., \$26.00.

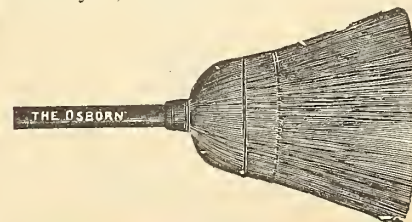
Burlap. 40x76 inches, for one sash. Each, \$1.50; doz., \$16.50.

Plain Burlap Mats. 76 inches wide, any length, 34c. per running foot. Each Doz.

Straw Mats. 3 x 6 feet.....\$1.15 \$11.00
" 6 x 6 feet..... 1.80 19.00

At the present time it is not possible to furnish the Duck and Burlap style mats as formerly made.

Special size Hotbed Mats, any of the above styles, to order.

**GREENHOUSE BROOM**

Made of Japanese Fibre. No wear out to it. Price, 60c. each; 2 for \$1.00.

96 Michell's Rubber Hose, etc., for Florists

Our sales of Hose run into thousands of feet in a year, and we attribute these immense sales to the excellence of our article. Our list takes in the leading advertised brands as well as the kinds we have made to our own order. Each can be fully relied upon.



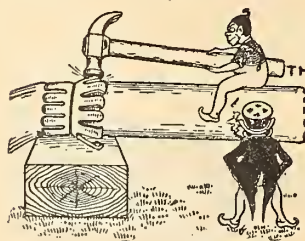
Revero Greenhouse Hose. Made right, sold right, is right.



Hose Menders

	Each	Doz.	100
Cooper's— $\frac{3}{4}$ -in. and $\frac{5}{8}$ -in.	\$0.07	\$0.75	\$5.75
" $\frac{1}{2}$ -in. ....	.07	.75	5.75
Hudson's— $\frac{3}{4}$ -in. (brass).	.04	.42	3.00
" $\frac{1}{2}$ -in. (brass).	.04	.42	3.00
Jones'— $\frac{3}{4}$ -in. (iron).....	.05	.45	3.50
Republic (New). All brass, Each Doz			
no band required, $\frac{3}{4}$ -in....	\$0.13	\$1.40	

Perfect Hose Mender



Made entirely of brass, with swivel motion—no band required. For $\frac{3}{4}$ -in. hose, 8c. each; doz., 85c.; \$6.50 per 100.

Rubber Aprons

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Price, \$1.50.

Rubber Hose

Florists will do well when wanting to determine the values of greenhouse hose to thoroughly test out a section for a few months to get an idea of its lasting qualities. Michell's hose will give the user splendid, permanent satisfaction.

Weight per Foot Per Foot

Bull Dog, $\frac{5}{8}$ -in., 7-ply.....	6 ozs.	\$0.15
*Michell's Special, $\frac{3}{4}$ -in. (500 ft., \$65.00)....	5 ozs.	.13½
*Michell's Special, $\frac{1}{2}$ -in.	4 ozs.	.11½
*Electric, $\frac{3}{4}$ -in. (500 ft., \$80.00).....	5 ozs.	.16½
*Electric, $\frac{5}{8}$ -in.	5 ozs.	.15½
*Electric, $\frac{1}{2}$ -in.	4 ozs.	.15
*Revero, $\frac{5}{8}$ -in.	5 ozs.	.15
*Revero, $\frac{3}{4}$ -in. (500 ft., \$78.75).....	5 ozs.	.16
*Revero, $\frac{1}{2}$ -in.	4 ozs.	.14
Empire Red, $\frac{3}{4}$ -in., corrugated.....	5 ozs.	.16
Spray Hose, $\frac{3}{8}$ -in.....	3 ozs.	.10

P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

Fifty feet or longer sections of hose coupled free. Shorter sections coupled at the rate of 20c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 5c. doz.; $\frac{1}{4}$ lb., 15c.; 60c. lb.

Hose Bands

For fastening couplings and menders in hose.

CALDWELL'S Doz.	100
8—For 3-ply hose.....	\$0.15 \$0.90
6—For 4-ply hose.....	.15 .90

HUDSON'S

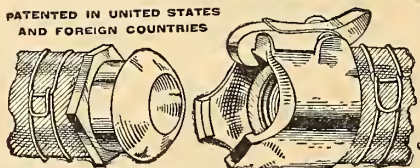
$\frac{1}{2}$ -inch	\$0.15 \$0.90
$\frac{3}{4}$ -inch18 1.00

SURE GRIP

$\frac{3}{4}$ -inch, 4c. each; doz., 40c.; \$2.75 per 100.	
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PATENTED IN UNITED STATES AND FOREIGN COUNTRIES

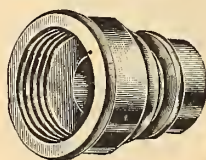


Snap Hose Couplings

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring and are watertight, 28c. per pair; doz. pairs, \$3.25; \$24.00 per 100.

Snap Coupling Parts

No. 2—Male (see left-hand illustration above), 11c. ea.; doz., \$1.20; \$9.00 per 100. No. 1—Female (see right-hand illustration above), 18c. ea.; doz., \$1.90; \$15.50 per 100. Washers for Snap-Couplings, 20c. doz.

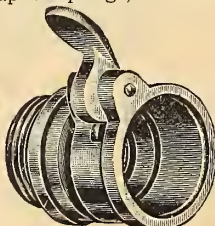


No. 3

ACME COUPLINGS

No. 3, for spigot. 17c. each; doz., \$1.90. No. 4 part, for attaching to hose. 27c. each; doz., \$3.15.

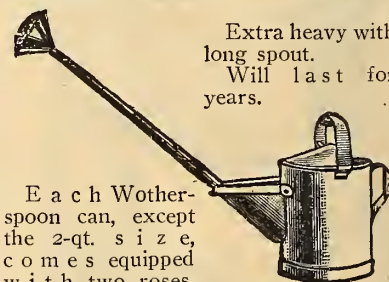
Couplings complete, consisting of one No. 3 and one No. 4 part, 44c. each; doz., \$5.15.



No. 4

Water Cans Wotherspoon's Make

Extra heavy with long spout. Will last for years.



Each Wotherspoon can, except the 2-qt. size, comes equipped with two roses, one coarse and one fine.

	Light	Galvanized
	Round	Oval
2-quart.....	\$1.15	
4-quart.....	1.60	\$0.40
6-quart.....	1.85	\$2.10 .55
8-quart.....	2.00	2.35 .65
10-quart.....	2.25	2.60 .70
12-quart.....	2.60	2.85 .80
16-quart.....	3.15	3.50 1.25
20-quart.....		1.60
12-qt. Manure Watering Can.....	\$2.75	
4-qt. Fern or Low Watering Can..	1.50	

Extra Roses for Wotherspoon Watering Can, either coarse or fine, 35c. each.

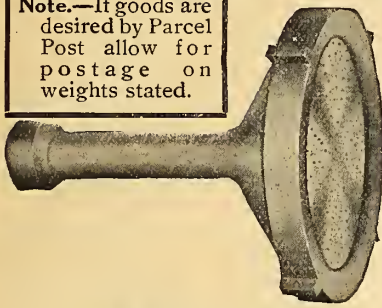
Prices Subject to Market Changes

(hi)

WATERING APPLIANCES, ETC.

97

Note.—If goods are desired by Parcel Post allow for postage on weights stated.



THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. \$2.50 each; worth twice the price. Parcel Post Weight 1 1/4 lbs.

BOSTON SPRAY NOZZLE



Boston

These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine screen, 3/4-in. All Brass, 80c.; Copper (Sheet) 55c.

BOSS HOSE NOZZLE

For 3/4-inch hose. Price, 45c. each.

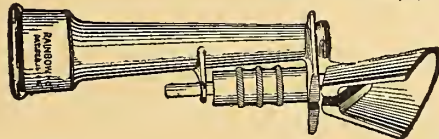


Boss

GEM HOSE NOZZLE



3/4-inch hose. Can be regulated to give three different streams. Price, 40c.



RAINMAKER NOZZLE

This nozzle gives the same result as when the thumb is placed over the hose. All brass, adjustable, \$1.60.

BRASS SYRINGES

No.	Diam.	Length	Price
99	1 1/2"	18" Spray rose only	\$2.50
101	1 1/4"	14" Spray rose and stream	2.00
101A	1 1/2"	16" " " " "	3.25
104	1 3/4"	18" 2 " " " "	5.50
107	1 3/4"	20" (Adjustable)	5.50
Lewis	(Sheet Brass)	1-qt. capacity	1.75

SPRAYWELL RUBBER SPRINKLERS

For sprinkling cut flowers or seedlings, etc.

Capacity	Price
Straight Neck	\$0.60
Straight Neck	.80
Crook Neck	.60
Crook Neck	.80



PLAIN STREAM NOZZLES

For 3/4-inch hose, each..... 30c., 35c. 40c.

FERGUSON'S GREENHOUSE SPRAY

A brass pipe about 15 inches long, fitted with a fine and coarse spray. Ideal for red-spider spraying, as you can get under the leaves. This is the idea of a practical florist and we know it is all right. \$2.75 each.



Ferguson Spray



BRASS HOSE COUPLINGS

	Per pair	Doz. pairs
3/4-inch and 1/2-inch	\$0.15	\$1.75
1 "	.30	3.00

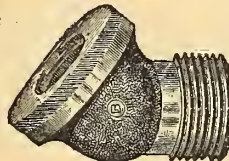
HOSE REDUCERS



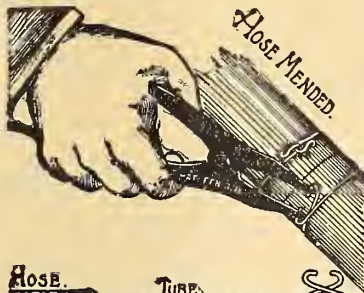
For reducing 1-in. pipe to fit regular 3/4-in. hose. All brass. 35c. each.

HYDRANT ATTACHMENT

To be used for attaching hose to smooth faucets.



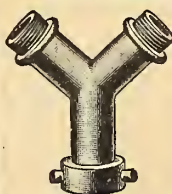
Royle Style, each.....\$0.30
Boyd's Style, each..... .23



HUDSON HOSE MENDING OUTFIT (For 3/4-inch hose)

Furnishes a complete outfit, consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price: Each, 55c.

SIAMESE HOSE CONNECTION



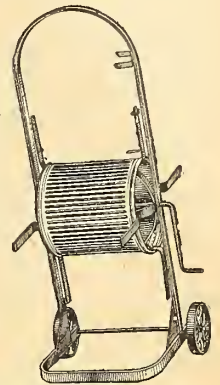
This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 65c. each.

HOSE REELS—WIRT'S (All Iron)

No.	Capacity	Price
10	100 ft.	\$2.75
20	150 ft.	3.25
30	400 ft.	5.00

VICTOR HOSE REEL

With black corrugated drum. Holds 100 ft. 3/4-in. hose. Price (see cut), \$1.50.



NOZZLE HOLDERS

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 18c.



PAINTED POT LABELS

	Per 100	Per 1000		Per 100	Per 1000
4	\$0.12	\$0.85	8	\$0.50	\$4.00
4 1/2	.13	.95	10	.60	5.20
5	.15	1.10	12	.75	6.60
6	.17	1.35			
18 in. (for field use)				3.25	30.00

TREE LABELS, ETC.

Iron Wired. Plain wood	.....\$0.12	\$0.90
Iron Wired. Painted wood	.... .15	1.15
Copper Wired. Plain wood	.... .15	1.15
Copper Wired. Painted wood	.... .17	1.40
Copper Sheet. Wired, doz., 20c.	;\$1.15	100
Zinc Sheet. Wired, doz., 20c.	;\$1.15	per 100
Indelible Marking Pencils, 5c. ea.; doz., 55c.		

GARDEN MARKERS

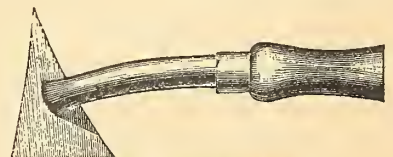
For labeling perennials, garden rows, beds or individual plants. Made of heavy metal, enameled black.

No.	5—8 inches high	5A—18 inches high	5B—24 inches high
Doz.	100		
Price	\$1.35	\$10.80	\$13.50
	1.75	13.50	15.00

SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yds. per Piece	Price Per Yd.	Price Per Pk.
Light. Brown cloth	.60	\$0.06	\$3.30
Medium. " "	.60	.12	6.60
Heavy. " "	.40	.20	7.60



TREE SCRAPERS

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, short handled, 50c.; long handled, 90c.

All Prices Subject to Market Changes

(ha.)

Michell's Sprayers and Insecticide Distributing Apparatus

No. 22 BINKS COMPRESSED AIR SPRAYER

Galvanized steel tank, 5 gallons capacity. Brass pumps with a patent clamping device, equipped with 3 feet of hose, spray nozzle shut off cock and shoulder strap. P. P. weight, 15 lbs. Price, \$6.25.



THE AUTO SPRAY



Auto Spray in Operation

No. 1-A Brass equipped with hose and regular nozzle, \$7.00.

No. 1-B Brass equipped with hose and Auto-Pop Attachment, \$7.50.

No. 1-C Galvanized Iron equipped with hose and regular nozzle, \$4.50.

No. 1-D Galvanized Iron equipped with hose and Auto-Pop, \$5.00.

Auto-Pop Nozzle Attachment controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, \$1.35 each. P. P. weight, 1 lb.

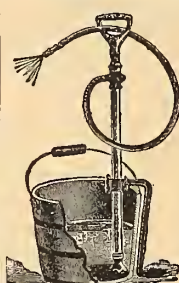
DEMING KNAPSACK SPRAYERS

These are elegant for carrying around the garden among shrubbery, etc.

Fig. 675. Copper tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, \$18.00.

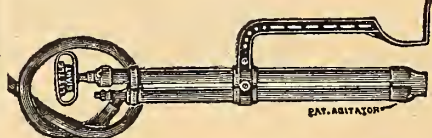
Fig. 564. Galvanized tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, \$8.75.

SPRAY BUCKET PUMPS



These are made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3½ feet of ¾-in. hose.

Success (without bucket fastener.) \$4.60
Perfect Success (with bucket fastener) \$5.00



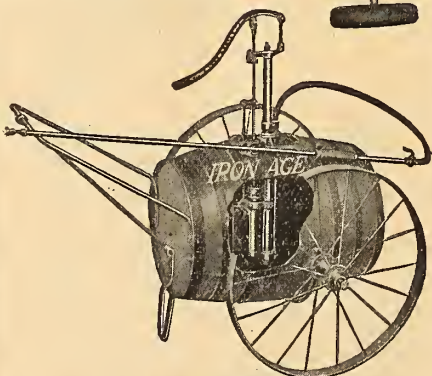
MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, \$3.00, including hose and nozzle.

HAND AUTO-SPRAY No. 37C

A splendid sprayer for the flower and vegetable garden, greenhouse, window garden or conservatory. The reservoir is all brass while the pump portion is tin; capacity 1 qt. It operates by air which is compressed with the handle, thus furnishing a continuous spray. It has a nozzle for throwing a fine mist spray forward, also a device for spraying. \$1.00 each.



IRON AGE SPRAYER, No. 197

A perfect outfit for gardens, small farms, poultry plants, etc.; capacity, 20 gals. Pump all brass with a 6-inch stroke, large air chamber with a 100-lb. pressure capacity; bronze brass ball valves of easy access. Equipped with a perfect agitator, 4 feet of extension rod with hand grip and 4 feet of ½-inch hose, stop cock and nozzle. \$20.00.

OTHER IRON AGE SPRAYERS, not shown here; send for descriptive list.

No. 1901—Capacity, 50 gals.; equipped with 15 ft. ½-in. hose, 1 nozzle, \$26.60.

Equipped with two 15-ft. lengths of ½-in. hose and 2 nozzles, \$30.70.

No. 194—Equipped with a 50-gal. barrel, 15 ft. of ½-in. hose and nozzle, \$20.70.

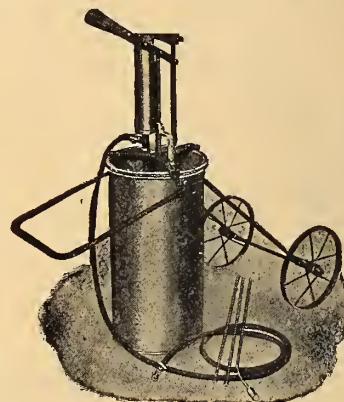
No. 194—Equipped with hose and nozzle only, \$16.70.

Plain pump, without hose or nozzle, \$12.70.

No. 194T—This is the same as the above pump equipped with a 2½-in. truck, barrel, 15 ft. of ½-in. hose and nozzle, \$30.20.

No. 194T—Without hose or nozzle, \$26.15.

No. 195—Really a duplicate of No. 197, except that it is equipped with a 16-qt. bucket and a 2-ft. extension rod, \$9.00.



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

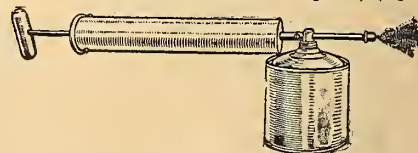
Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir; although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or cold water paint.

No. 0—With a 3-gal. reservoir, 4 ft. of hose, nozzle and extension pipes. Price, \$9.00.

No. 1—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$11.50.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$17.00.

No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. Complete, \$25.00.



HAND SPRAYERS

Automatic (Compressed Air). See cut. Very easily operated.

Tin....each, \$0.90 | Brass....each, \$1.75

Cyclone Sprayer. Similar to the above, but with no automatic air reservoir. Tin, small, each, 25c.; tin, large, each, 40c.; brass, each, 90c.

No. 37C—Hand Auto Spray, 1 qt. capacity, \$1.00 each.

Simplex Barrel Pump



One of Deming's very best sprayers. Fitted with brass cylinders. Equipped with an automatic agitator. Will throw a stream 40 feet. **Plain Pump**, no hose, nozzle or barrel. \$8.55.

Outfit A—Pump, with 12½ ft. ½-in. hose, fitted with a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, no barrel. \$11.40.

Outfit B—Pump, with two 12½-foot sections of ½-in. hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. Price, \$14.25.

Century Pump



A very powerful pump; working parts are entirely of brass; has large air chamber; also a perfect agitator and a long fulcrum link, which enables the operator to work the pump with little effort. The pump is largely submerged, which places it out of the way of all obstructions on the outside.

Price for plain pump, no barrel or hose, \$10.45.

Price, complete, with 12½ ft. ½-in. hose and nozzle, no barrel, \$13.75. Price, with two 12½-ft. leads, hose and nozzles, no barrel, \$17.10.

Barrels, with trunnions ready to mount on truck, with cut head, \$4.40.



Gardener's Choice Spray Outfit

Here is an equipment that is easily worth \$5.00 more than we ask for it; truly it is the greatest value in spray pumps we have; the reservoir holds 25 gals.; the pump has brass cylinder, and it is a complete equipment with hose and nozzle. Just the proper thing for use in greenhouses with wide aisles or without benches. Price, \$21.00.



Vaporizing Lamp

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicotidine, Tobakine and other preparations of this sort. 55c. each; doz., \$5.75. P. P. weight, 1 lb.

Paris Green Shakers

Tin. For dusting vegetables, potatoes, small fruit and shrubbery, 45c. each. P. P. weight, 2 lbs.

Farmer's Favorite. (See cut.) Large double-action affair, \$1.60 each. P. P. weight, 4 lbs.



Dickey Duster

Excellent for distributing Bug Death, Slug Shot, etc. Price, 25c.; P. P. wt., 1 lb.

"Acre an Hour" Sifter. 70c. each. P. P. weight, 2 lbs.



Copper Strainer

For straining whitewash, spraying material, etc. 90c. each. P. P. weight, 1 lb.



Sulphur Blower

For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to them. A man can dust a very large house in a few minutes, using one of these blowers. Price, \$4.25.

Parcel Post Shipments

Where goods can be shipped in this manner, we have affixed the packed weight opposite. Where remittance accompanies order, please include sufficient to cover mailing charges. Consult your P. O. for proper amount.

Champion Gun

For distributing dry insecticides, of all kinds, indoors or out. Will save its price in material the first six months of use. Price, \$8.55



Fumigators

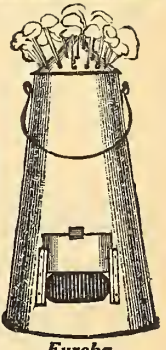
Perfection Make

Fitted with a Water Tank to prevent burning out.

No.		
1	for house, 12 x 40 ft.	\$2.75
2	" " 15 x 100 ft.	3.25
3	" " 20 x 100 ft.	3.75
5	" " 20 x 150 ft.	5.00

Eureka Make

1	for house, 10 x 20 ft.	\$1.00
2	" " 12 x 40 ft.	1.50
3	" " 15 x 100 ft.	2.00
4	" " 20 x 100 ft.	3.00



Bellows

	P. P. Weight	
Large Double Cone.....	5 lbs.	\$3.15
Large Single Cone.....	3 lbs.	2.25
Small Single Cone.....	2 lbs.	1.25
Liquid Spraying—small, \$1.60; large..		2.25
Sulphur Bellows.....		1.80

Copper Strainer

For straining whitewash, spraying material, etc. 90c. each.

Spray Nozzles ⅜ in. thread

Bordeaux and Vermorel.....each,	\$0.80
Mistry, Jr.....	.85
Winkle Mist.....	.70
Paragon style.....	.30
Duplex Vermorel (2 nozzles).....	1.60
Triple Vermorel (3 nozzles).....	2.25
Quadruple Vermorel (4 nozzles).....	2.70
Duplex Mistry (2 nozzles).....	2.75

For ¾-in. connections, add 25c.

Extension Pipes, Etc.

For reaching into trees (⅜-in. threads).	
Bamboo , with brass tube, 8 ft.....	\$2.50
" " " 10 ft.....	3.15
Galv. Iron , 2 ft., for Auto Sprays....	.25
Brass , 2 ft., for Auto Sprays.....	.45
Pet Cock , for extension pipes.....	.45

Iron Age. Fig. 419—Steel pipe 10 ft. long, with an angle connection, stop cock, 2 hand grips and drip guard, for ½-in. thread. Price, \$3.00.

Iron Age. Fig. 420—Bamboo casing with brass pipe inside, with angle connection, stop cock, 2 hand grips and drip guard, 10 ft. long. Price, \$4.00.

Extensions for Paragon Sprayers, 2½ ft., 32c. each.

100 Putty Bulbs (See Cut)

The best appliance for distributing putty. One day's work by the old method of glazing can easily be done in four hours by the use of the distributor. Each, \$1.00; P. P. wt., 1 lb.

Mastica

1/2 gallon.....\$0.75	5 gallons.....\$6.75
1 gallon.....1.40	10 gallons.....13.25
Mastica Machine.....each, \$1.35	

Twemlow's Putty

16-lb. can (1 gallon).....\$1.65
50-lb. kit (3 gallons).....4.80
80-lb. kit (5 gallons).....8.00
10-gal. kit.....15.50
1/2 barrel (25 gals.), \$31.25; 50 gals., \$57.50.

Shaderine

The best article for shading greenhouse glass; applied 3 or 4 times during the season.

5 lbs. for \$1.10; \$1.85 per 10 lbs.; 30-lb. keg, \$4.50; 60-lb. keg, \$6.00; 100-lb. keg, \$9.00; 200-lb. keg, \$16.00; 400-lb. keg, \$30.00.

Hammond's Greenhouse White Paint

1 gal.....\$2.10	5 gals.....\$10.00	25 gals.....\$46.00
3 gals.....6.00	10 gals.....19.50	50 gals.....89.00

Federal Elastic Cement (Black)

For waterproofing greenhouse gutters, roofs, etc., this gives splendid satisfaction; also for making sash bars watertight. Easily applied with a mastica machine.

1 gal.....\$1.10	15 gals.....\$13.50
5 gals.....5.00	35 gals.....28.00
10 gals.....9.00	55 gals.....44.00

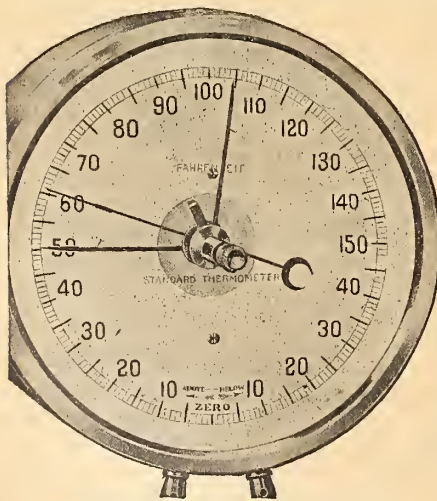
Glass Cutters



Small Diamond, Ebony Handle.....\$2.50
Large Diamond, Cocoa Handle.....3.75
Single Wheel, Steel.. .15
(Doz., \$1.50.)
6-Wheel Adjustable.. .30

Style 1—Thermostat. (See Cut Below)

This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. Not waterproof style, \$8.00; Waterproof style, \$10.00. We can also supply recording thermometers.



No. 1 Thermostat (See Price Above)

The chart may be had to be changed daily, or the records for an entire week may be kept on one chart, whichever is desirable. The Thermometer itself is inclosed in a heavy metal frame and provided with a substantial padlock. Price, complete, \$25.00. In ordering state whether weekly or daily charts are desired.

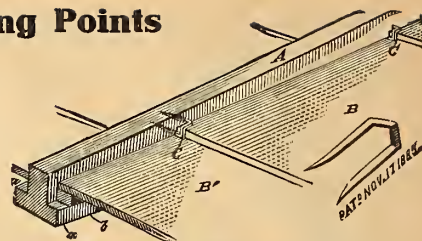
Recording Thermometers

No. 100

The use of the Recording Thermometer in large growing establishments is becoming more essential as time goes on. It enables the proprietor or person in charge to know absolutely what the temperature has been in the greenhouse every minute of the previous night, thus avoiding a check on the fireman. A paper chart, marked with hours and temperatures by an automatic indelible ink pen, provides for it.

Michell Glazing Points

Carefully made, thoroughly galvanized, can be used on right or left side of sash bar. No. 2 for single-thick glass, No. 2 1/2 for double-thick glass 55c. per 1000; 5000 for \$2.50; \$4.75 for 10000.



Michell's Glazing Points

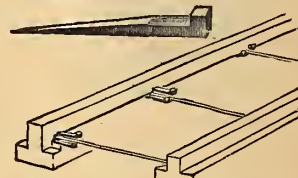
Peerless Glazing Points, quite similar to the Michell Point.

Nos. 1 and 2 for single-thick glass, No. 2 1/2 for double-thick glass. 60c. per 1000; 5000 for \$2.75. If Michell and Peerless Points are wanted by mail, add 10c. per 1000 for postage.

PINCERS, for driving Michell and Peerless Points, 50c. per pair.

Siebert's Style Points (Zinc).

Three sizes, 5/8, 6/8 and 7/8 inch, 50c. per lb.; 10 lbs., \$4.75.



Siebert's Style (Brass). 80c. lb.; 5 lbs., \$3.75.

ZINC NAILS, 5/8, 3/4 and 7/8 inch, 45c. per lb.; 5 lbs., \$2.15. If desired by mail, allow for postage.

Siebert's Glazing Points

PEERLESS REPAIR CLAMP



Especially valuable for securing large lights of glass. Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, \$1.10 per 100.



No. 5232



No. 5100



No. 5420B

MICHELL'S RELIABLE THERMOMETERS FOR FLORISTS

Thermometers are shipped Parcel Post at customer's risk only.

No.	TESTED GRADES	Each	Doz.
5420B.	8-inch, Tin Case.....	\$0.40	\$4.00
5420B.	10-inch, Tin Case.....	.55	5.50
5420B.	12-inch, Tin Case.....	.85	9.00
5154.	8-inch, Coppered Case.....	.65	6.50
5154.	10-inch, Coppered Case.....	.85	8.50
5100.	8-inch, Wood Back, Black Scale.....	1.10	12.00
5100.	10-inch, Wood Back, Black Scale.....	1.25	13.00
5232.	8-inch, Wood Back, Porcelain Scale.....	.80	9.00
5232.	10-inch, Wood Back, Porcelain Scale.....	1.00	11.00

STANDARD TIN CASE GRADE

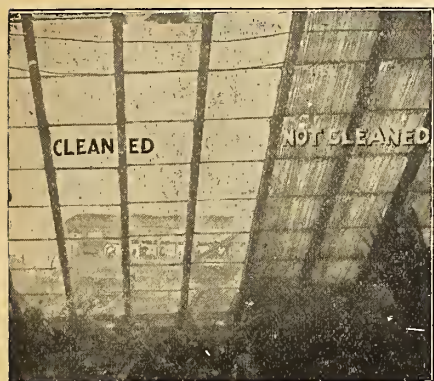
5420W.	8-inch.....	.25	2.75
5420W.	10-inch.....	.35	3.75

REGISTERING THERMOMETERS

Record the coldest and the warmest point during previous night. 8-inch, each, \$2.50; per 1/4 doz., \$6.75; 10-inch, each, \$2.75; per 1/4 doz., \$7.50.

HOT BED THERMOMETERS

Galvanized Iron Point (can't rust).....	\$0.90
Brass Point.....	1.35



The effects of using Daylite Glass Cleaner

DAYLITE GLASS CLEANER

For taking off whitewash shading, etc.
Daylite Cleaner

Is the most powerful cleaner on the market. It is self-acting—the minute it is put on the glass it commences to work for you. All you need to do is to apply it with a brush, leave it on a few minutes and rinse off with cold water.

Will not injure paint or putty.

Will always leave the glass clean and free from grease.

The cost of cleaning greenhouse glass is about one-fifth cent per square foot. One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$1.10; 5 gals. for \$5.00.

HOT BED SASH

Made of best quality cypress, 1 3/4 in. thick; 3 ft. 1 1/2 in. wide, 6 ft. long. Made for 8 x 10 in. glass, 4 lights wide (not three, as illustration shows), for bedding in putty.

Plain, regular style, not glazed or painted.

Each, \$1.75; \$19.00 per doz.

Glazed, regular style, including painting and puttying. Each, \$4.00; \$46.00 per doz.

All glazed sash are shipped at purchaser's risk, although we pack very carefully to insure safe arrival.

Packing Charges on regular style and Sunlight Glazed Sash. Single sash, 25c. each (2 sash, 35c.); 3 sash, 45c. No more than three sash can be crated together.

SUNLIGHT SASH (Double Glass)

Plain Unglazed.each, \$2.25; doz., \$25.00
Glazed and Painted.each, 4.35; doz., 50.00

Special Prices quoted on sash in large quantities or special sizes.

Our Garden Tool Department we believe to be the most fully equipped of any seed store in the United States.



WIRE SNIPS

Each
7 1/2 inches, short blade, No. 833.....\$0.60
8 inches, long blade, No. 832..... .65
8 inches, heavy, P.P.Wt. 1 lb..... 1.00
10 inches, heavy, P.P.Wt. 2 lb. No. 12. 1.35

MOSS



We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

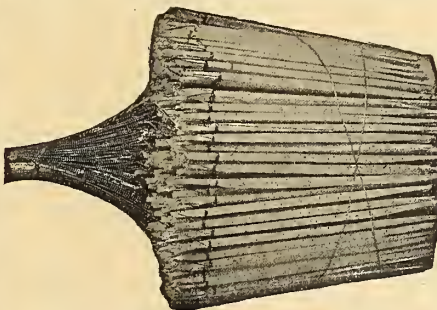
Sphagnum, Live or Green. Peck, 20c.; 60c. per bush; per bbl., \$1.50.

Sphagnum, Dry. Barrel bales 60c. if called for; (if shipped, 75c.).

Sphagnum, Dry. 5-barrel bales, \$2.00 (5 bales for \$9.00).

Green Lump. Peck, 25c.; 70c. bush.; bbl. bag, \$1.50.

Green Sheet. 1/4 bale, 60c.; \$1.10 per 1/2 bale; full bale, \$2.00.



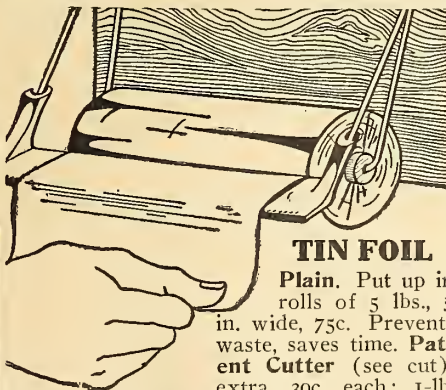
WIRED TOOTH PICKS

As a labor saver have no equal. Furthermore, they are always ready.

Regular Size, 10,000, \$1.85; 50,000 for \$8.00.

6-inch Size, dyed green, \$1.25 box of 3,000.

Plain Tooth Picks, 5c. box, doz. boxes 55c.

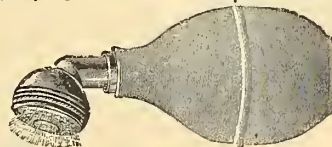


TIN FOIL

Plain. Put up in rolls of 5 lbs., 5 in. wide, 75c. Prevents waste, saves time. **Patent Cutter** (see cut), extra, 30c. each; 1-lb. pkgs., 5 in. wide, 16c. lb.; 2 lbs., 30c.; 75c. for 5 lbs.; 25 lbs., \$3.60; \$14.00 per 100 lbs.
Violet Foil. 35c. per lb.; 5 lbs., \$1.60.
Green Foil. 35c. per lb.; 5 lbs., \$1.60.

PAPER FOR FLOWERS

	Sheets per Ream	Lb.	Ream
Manilla. For wrapping.	480	\$6.12	\$3.00
Manilla. Tissue	480	.20	1.75
White Tissue , 20 x 30 in.	480	.20	1.75
Wax. White. Best quality, 24 x 36 inches.....	480	.25	2.10
Wax. Green. Best quality, 24 x 36 inches.....	480	.26	2.25



SPRAYWELL RUBBER SPRINKLERS

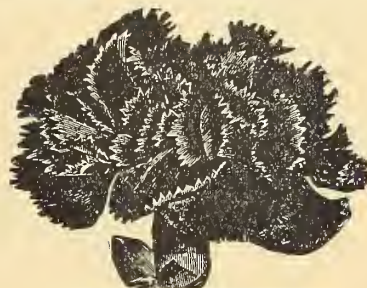
For sprinkling cut flowers, seedlings, etc.

Straight Neck. 8 ozs. capacity.....\$0.60

Straight Neck. 10 ozs. capacity..... .80

Crook Neck. 8 ozs. capacity..... .60

Crook Neck. 10 ozs. capacity..... .80



CARNATION MENDERS

Carnation Staples

For calyx mending, 35c. per 1000, 5000 for \$1.50, \$2.80 for 10,000, 25,000 for \$6.50, \$12.50 for 50,000.

Rubber Bands

Ounce, 25c.; 1/4 lb., 85c.; 1/2 lb., \$1.60; 1 lb., \$3.00.

Bauer Carnation Outfits

Pliers and 1000 clips, \$2.50.

Pliers, each, \$2.00.

Clips, 65c. per 1000, postpaid; \$3.00 per 5000.

FLORISTS' SUNDRIES

	Peck	Bu.	Bbl.	Sack
Charcoal (Lump)	\$0.20	\$0.60	\$1.25	
Cocoanut Fibre .....	.30	.75		
Coal Tar. 45c. gal.; 5 gal., \$1.80.				
Leaf Mould .....	.20	.65	1.50	
Pebbles .....	.30	1.00	2.50	
Peat. Best quality (5 barrels, \$6.25) .....	.20	.65	1.50	
Peat, Orchid .....	.25	.80	2.00	
Sand. For propagating .....	.20	.65	1.75	
Soil. Prepared potting .....	.20	.65	1.75	
Celery Brushes. Large, 40c.; small, 25c.				
Celery Tape. 1000 yds., \$3.25.				
Carnation Dye. (Green.) 75c. per bottle.				
Daylite Glass Cleaner. For greenhouse glass. 1 gal., \$1.10; \$5.00 per 5 gals.				
Grafting Wax. 1/4 lb., 8c.; 12c. 1/2 lb.; 1 lb., 20c.; 90c. 5 lbs.				
Shaderine. For shading greenhouse glass. 5 lbs. for \$1.10; 10 lbs., \$1.85; 30 lbs., \$4.50; \$6.00 per 60 lbs.; 100 lbs., \$9.00.				
Styptic. Pruning compound. \$1.00 bottle.				
Weed Killers. (Herbicide.) Qt., 48c.; 75c. per 1/2 gal.; gal., \$1.40; \$5.25 per 5 gals.				
Weed Killer (Michell's). Qt., 45c.; 65c. per 1/2 gal.; \$1.25 gal.; 5 gals., \$5.00; \$9.50 10 gals.; 25-gal. bbl., \$18.00; 50 gals., \$35.00.				
Zementine. For whitewashing and shading glass. 2 lbs., 15c.; 70c. for 10 lbs.; 100 lbs., \$6.50; bbl. (325 lbs.), 6c. per lb.				

All prices subject to Market Changes

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MICHELL'S PLANT TUBS, FLOWER POTS, Etc.

WHITE CEDAR PLANT TUBS

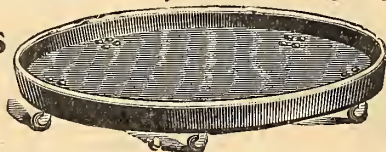
Painted green, black hoops



	Diam.	Length of Stave	Price
No. 0	27 in.	24 in.	\$5.05
No. 1	25 in.	22 in.	4.75
No. 2	23 in.	21 in.	4.15
No. 3	21 in.	18 in.	3.60
No. 4	19½ in.	16 in.	2.95
No. 5	18 in.	14 in.	2.65
No. 6	16½ in.	13 in.	2.05
No. 7	15 in.	11 in.	1.80
No. 8	12 in.	10 in.	1.65

ROLLING STANDS

Made of Indurated Fibre Ware



Whenever you sell a tub recommend one of these to your customer, who will appreciate the suggestion.

Size	Each	Doz.	Size	Each	Doz.
12 in. diameter....	\$0.75	\$7.68	18 in. diameter....	\$1.40	\$14.40
14 in. diameter....	.95	9.60	20 in. diameter....	1.60	16.80
16 in. diameter....	1.15	12.00	22 in. diameter....	2.10	21.60

KEYSTONE FERN TUBS



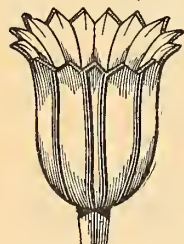
No.	Inside Diam.	Inside Depth	Each	Doz.	100
15	8	5	\$0.32	\$3.50	\$24.00
16	10	5½	.35	4.00	27.50
17	12	6	.45	5.00	37.00
18	14	6½	.55	6.25	48.00

IRON VASES

For holding cut flowers on cemetery lots, etc.

Painted Green

Galvanized



No.	Each	Doz.	No.	Each	Doz.
3 Small...	\$0.20	\$2.25	3 Small...	\$0.30	\$3.40
2 Medium...	.30	3.25	2 Medium...	.45	4.50
1 Large...	.40	4.00	1 Large...	.55	6.00

ENAMELED VASES

Painted green; made of tin and carefully enameled.

No.	Each	Doz.	100
1 Large	\$0.20	\$2.25	\$17.00
2 Small	.18	1.90	14.00

AZALEA POTS



Width	Height	Each	Doz.	100	1000
5 in.	4½ in.	\$0.04	\$0.40	\$2.20	\$19.80
6 in.	5 in.	.07	.60	3.25	29.70
7 in.	6 in.	.10	.72	5.40	49.50
8 in.	7 in.	.14	1.04	7.80	71.50
9 in.	7½ in.	.20	1.60	12.00	110.00
10 in.	8 in.	.25	2.16	16.20	148.00

BULB PANS (Earthenware)

	Each	Doz.	100	1000		Each	Doz.	100	1000
6 in...	\$0.07	\$0.60	\$3.25	\$29.70	10 in...	\$0.25	\$2.16	\$16.20	\$148.00
7 in...	.10	.72	5.40	49.50	12 in...	.50	4.46	33.00	302.50
8 in...	.14	1.04	7.80	71.50	14 in...	.85	7.20	54.00	
9 in...	.20	1.60	12.00	110.00	16 in...	1.75	16.00	120.00	

FERN PANS (Earthenware)

Width	Height	Weight per 100 pans, packed	Each	Doz.	100
4 in.	1½ in.	25 lbs.	\$0.03	\$0.30	\$1.80
4¾ in.	2½ in.	50 lbs.	.04	.40	2.40
5½ in.	2¼ in.	60 lbs.	.05	.50	3.00
6¼ in.	2½ in.	100 lbs.	.06	.60	3.60
7 in.	2½ in.	150 lbs.	.07	.70	4.20
8 in.	3½ in.	200 lbs.	.10	.80	6.00
9 in.	3¾ in.	250 lbs.	.12	.90	7.20

NOTE ABOUT DISCOUNT

On Earthen Flower Pots, Bulb Pans and Saucers 5% may be deducted from prices quoted if cash accompanies the order or if bill for same is paid within 15 days from date thereof. All other items net unless otherwise specified.

Orchid Receptacles

SQUARE WOODEN ORCHID BASKETS

	Each	Doz.
4 inch.....	\$0.23	\$2.50
6 inch.....	.32	3.40
8 inch.....	.45	4.05
10 inch.....	.55	4.95
12 inch.....	.60	5.60

ROUND EARTHEN ORCHID PANS

	Each	Doz.
4 inch.....	\$0.09	\$0.90
5 inch.....	.12	1.35
6 inch.....	.18	1.60
8 inch.....	.25	2.25
10 inch.....	.35	3.25
12 inch.....	.45	4.50

FERN DISH LINERS

A few of these on hand will be found useful for filling ferneries, etc.

Width	Height	Each	Doz.	100
7 inch.....	1½ inch.....	\$0.09	\$0.75	\$4.95

EARTHEN FLOWER POTS

Inch	Each	Doz.	100	1000	Inch	Each	Doz.	100	1000
1	\$0.01	\$0.10	\$0.50	\$4.95	5½	\$0.06	\$0.50	\$2.70	\$24.75
1¼	.01	.08	.45	4.13	6	.07	.60	3.25	29.70
2	.01	.08	.45	4.13	6½	.07	.65	4.35	39.60
2¼	.01	.10	.50	4.68	7	.10	.72	5.40	49.50
2½	.01	.12	.60	5.50	8	.14	1.04	7.80	71.50
3	.02	.15	.80	7.15	9	.20	1.60	12.00	110.00
3½	.02	.16	.95	8.80	10	.25	2.16	16.20	148.00
4	.02	.22	1.20	11.00	11	.35	3.20	24.00	220.00
4½	.03	.30	1.65	14.85	12	.50	4.46	33.00	302.50
5	.04	.40	2.20	19.80	14	.85	7.20	54.00	495.00

ROSE POTS

	100	1000
2 x 2 inch.....	\$0.50	\$4.95
2¼ x 3 inch.....	.66	6.05
2½ x 3½ inch.....	.74	7.70

NEPONSET PAPER POTS

Size Inch	100	1000	Weight per 1000 pots	Size Inch	100	1000	Weight per 1000 pots
2¼.....	\$0.33	\$2.60	20 pounds	4.....	\$0.88	\$7.10	38 pounds
2½.....	.39	3.00	23 pounds	5.....	1.32	11.80	56 pounds
3.....	.50	4.15	33 pounds	6.....	1.82	15.80	74 pounds
3½.....	.72	5.65	44 pounds				

500 Paper pots, of one size, at 1000 rate

Prices on Neponset Pots are not subject to discount.

SQUARE EARTHEN SEED PANS

Inch	Each	Doz.	Inch	Each	Doz.
6 x 6.....	\$0.50	\$5.00	10 x 10.....	\$0.75	\$7.00
8 x 8.....	.60	6.00	12 x 12.....	.90	8.00

FLOWER POT SAUCERS (Earthenware)

Doz.	100	Doz.	100
4 in... \$0.17	\$0.90	9 in... \$0.60	\$4.50
5 in... .21	1.20	10 in... .75	5.40
6 in... .30	1.80	11 in... .85	6.60
7 in... .40	2.40	12 in... 1.00	8.10
8 in... .50	3.00	14 in... 1.65	13.50



FLOWER POT SAUCERS (Wood Fibre)

Each	Doz.	100	Each	Doz.	100
5 inch.... \$0.15	\$1.60	\$13.20	12 inch.... \$0.26	\$2.86	\$22.40
6 inch.... .16	1.74	13.60	14 inch.... .33	3.67	28.80
7 inch.... .17	1.80	14.80	16 inch.... .58	6.24	50.00
8 inch.... .18	2.04	16.00	18 inch.... .67	7.56	59.20
9 inch.... .20	2.25	17.60	20 inch.... .99	10.56	88.00
10 inch.... .21	2.34	18.40	22 inch.... 1.25	13.44	112.00

POT HANGERS

	Doz.	100
Krick. No. 1 For 3 to 5-inch pots.....	\$0.30	\$2.75
" No. 2 For 6 and 7-inch pots.....	.40	3.00
" No. 3 For 8 to 10-inch pots.....	.50	3.00
Perfection. Suitable for any size pot up to 8 inches, made of heavy galvanized wire, 15 inches long. 90c. per doz.; per 100, \$6.00.		

All Prices subject to Market Changes

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Carnation Supports

	Per doz.	Per 100	Per 1000
Model, 2 ring.....	\$0.60	\$3.50	\$32.00
Model, 3 ring70	4.00	37.50

Extra Parts for Model Supports

Rings, 75c. per 100; per 1000, \$6.75.
 Tops, \$1.75 per 100; per 1000, \$15.00.
 2-Ring Bottoms, \$2.00 per 100; per 1000, \$17.50.
 3-Ring Bottoms, \$2.50 per 100; per 1000, \$22.50.

RICHMOND SUPPORT

	Per doz.	Per 100	Per 1000
No. 11. 29 in., 3 ring, single.....	\$0.50	\$3.35	\$32.50
No. 11. 29 in., 3 ring, double.....	.60	4.25	41.50

CONTINUOUS RING, CARNATION SUPPORT

A new idea in wire cross sections and stakes, descriptive circular on request. Price (f. o. b. factory only), per 1000 plant supports, \$18.00.

Plant Stakes**No. 10 Steel Wire, Galvanized**

	Per 100	Per 1000		Per 100	Per 1000
2 foot.....	\$0.80	\$7.00	4½ foot.....	\$1.65	\$13.75
2½ ".....	.95	8.00	5 ".....	1.80	15.00
3 ".....	1.20	9.25	6 ".....	2.00	18.00
3½ ".....	1.35	10.75	7 ".....	2.50	22.00
4 ".....	1.50	12.00	8 ".....	3.00	26.50

No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	Per 100	Per 1000		Per 100	Per 1000
2 foot.....	\$1.15	\$10.77	4½ foot.....	\$2.35	\$20.00
2½ ".....	1.40	12.00	5 ".....	2.50	22.50
3 ".....	1.55	13.50	6 ".....	2.80	26.50
3½ ".....	1.80	16.00	7 ".....	3.50	32.50
4 ".....	2.00	18.00	8 ".....	3.90	36.50

GREEN PAINTED TAPERING PLANT STAKES

1½ ft. Doz., 17c.; per 100, \$1.00	3½ ft. Doz., 63c.; per 100, \$4.00
2 ft. Doz., 28c.; per 100, 1.70	4 ft. Doz., 75c.; per 100, 4.80
2½ ft. Doz., 39c.; per 100, 2.40	5 ft. Doz., 88c.; per 100, 5.60
3 ft. Doz., 51c.; per 100, 3.20	

GREEN PAINTED HEAVY OR DAHLIA STAKES

3 ft. Doz., \$0.75; 100, \$4.85	5 ft. Doz., \$1.25; 100, \$8.15
3½ ft. Doz., .88; 100, 5.68	6 ft. Doz., 1.55; 100, 9.80
4 ft. Doz., 1.10; 100, 6.50	

HYACINTH STAKES (Wood) Dyed Green

	Per 100	Per 1000	Per 5000	Per 10,000
5 inch.....	\$0.10	\$0.50	\$2.25	\$4.00
12 inch.....	.15	1.00	4.25	7.75
18 inch.....	.20	1.35	6.25	11.75
18 inch (heavy) 7/32 in. diam....	.30	2.50	11.25	21.50

HEADQUARTERS FOR CANE STAKES

	100	500	1000	5000
Southern, 8 to 9 ft., selected quality.....	\$0.75	\$3.25	\$6.00	\$27.50
Japanese, very thin, about 6 ft. long.....	.80	3.25	6.25	30.00

JAPANESE GREEN CANE STAKES

	100	500	1000		100	500	1000
1½ foot.....	\$0.35	\$1.25	\$2.25	3 foot.....	\$0.70	\$3.00	\$5.50
2 ".....	.45	1.75	3.25	4 ".....	.85	3.75	7.00
2½ ".....	.55	2.25	4.00				

UNPAINTED STAKES OR DOWELS

	Per 100	Per 1000
24 in. long, ¾ in. diameter.....	\$0.50	\$4.00
24 " ¼ ".....	.45	3.75
36 " 5/16 ".....	.65	5.25
36 " ¾ ".....	1.00	9.00
36 " ¾ ".....	.65	5.00
42 " 3/16 ".....	.75	6.00
42 " ¼ ".....	.75	5.75
42 " ¾ ".....	.75	6.00
42 " ¾ ".....	1.25	10.50

The above dyed green, 20c. per 100, or \$1.50 per 1000 additional.

SQUARE PAINTED PLANT STAKES

	Doz.	100		Doz.	100
1½ ft.	\$0.15	\$1.00	3½ ft.	\$0.63	\$3.80
2 ft. ....	.25	1.54	4 ft. ....	.70	4.40
2½ ft. ....	.35	2.20	5 ft. ....	.88	6.00
3 ft. ....	.50	3.20	6 ft.	1.15	7.60

STAKE FASTENERS

Everlasting. Heavy, \$1.60 for 500; 1000, \$3.15.
 Eureka. Light, 85c. for 500; 1000, \$1.65.



Corts Fastener

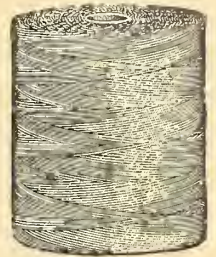
Florists' Special Twine

(See Cut)

For tying up flower boxes, designs, etc.
 Very attractive. Color, Nile green; in 1-lb. spools, 75c. lb.; 5 lbs., \$3.25.

Raffiatape

This article is made of a composition of paper and linen, and is tremendously strong. It is about ⅛ in. broad, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green.
 Per bolt of 250 yards, 50c.; 6 bolts, \$2.75; \$5.25 for 12 bolts.

**Twines, Etc.**

	Per Ball	Per Lb.
No. 12. Light Italian Twine....	\$0.20	\$0.40
No. 18. Medium Italian Twine....	.20	.38
No. 24. Heavy Italian Twine....	.20	.35
No. 36 Heavy Italian Twine....	.20	.35
2-Ply, 3-Ply, 5-Ply Jute.....	.10	.20
Linen Bouquet, 3 lbs., \$1.60.....	.08	.55
Boston Linen, 2 and 3-Ply.....	.23	.45
Green Sea Island.....	.08	.50
Jefferson 3-Ply, White Cotton..	.09	.40
2-Ply Texas White Cotton.....	.05	.25
Tarred, for Mat Making.....	.20	
Tarred Sisal for Fodder.....		.15
Binder (5-lb. ball).....	.75	
Express, very heavy.....	.20	

Green Silkline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Price, F, fine; FF, medium; FFF, coarse. Per spool, 25c.; \$1.80 per lb. (8 spools).

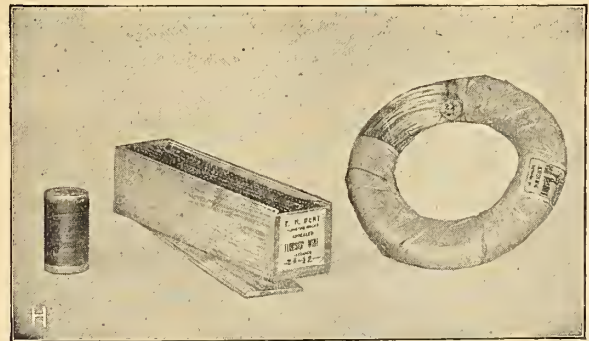
Silkline Substitute. A green linen thread, very similar to Silkline; fast color. Per lb., 85c.; \$3.75 for 5 lbs.

Headquarters for Raffia

We import this direct from Madagascar representatives who make a careful selection of long, broad strands for our trade.

Natural Color. 20c. lb.; 5 lbs., 90c.; 10 lbs., \$1.75; 25 lbs., \$4.25; \$16.00 per 100 lbs.

Colored or Dyed. Submit sample of shade desired. 80c. lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

**Wire (Price subject to change)****ANNEALED****GALVANIZED**

	Per 12-lb. stone		Per 12-lb. stone
No. 20.....	\$0.85	No. 16.....	\$1.00
No. 21.....	.90	No. 18.....	1.10
No. 22.....	.95	No. 19.....	1.20
No. 23.....	1.00	No. 20.....	1.35
No. 24.....	1.10	No. 22.....	1.50
		No. 24.....	1.65

No. 19, Tinned, cut 8½ in. long, 10-lb. box..... 1.10

Cut Bouquet Wire

For Stemming Flowers, Etc.

No. 20: Cut 9, 12 or 18 in. long, 15c. per lb.; per box, 12 lb., \$1.65
 No. 22: Cut 9, 12 or 18 in. long, 16c. per lb.; per box, 12 lb., 1.75
 No. 24: Cut 9, 12 or 18 in. long, 18c. per lb.; per box, 12 lb., 1.90

MICHELL'S INSECT DESTROYERS

Prices Subject to
Market Changes

Ant Exterminator (*Conellans*). In liquid form designed especially for use on lawns, tennis courts and putting greens. Apply with special squirt gun. 1 gal., \$1.15; \$5.50 for 5 gals. *Special Squirt Gun* for applying, \$1.15 each.

Ant Exterminator (*Magic*). A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per ¼ lb., 18c.; per ½ lb., 35c.; per lb., 60c.; \$2.75 per 5 lbs.

Antipest (*Carman's*). For destroying red spider, scale and green fly. Qt., 45c.; 65c. per ½ gal.; gal., \$1.25; \$5.00 per 5 gals.

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. ¼ pt., 25c.; 40c. per ½ pt.; per pt., 65c.; \$1.00 per qt.; gal., \$2.50.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; \$6.50 per 12 pkgs.

Arsenate of Lead (*Powdered Cal-Arsenate*). 1 lb. dilutes to 50 gallons. 1 lb., 30c.; \$1.40 for 5 lbs.; 10 lbs., \$2.60; 25 lbs., \$5.50; \$10.00 for 50 lbs.; 100 lbs., \$19.00.

Arsenate of Lead (*Paste*). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. Dilutes 1 lb. to 25 gals. water. Per lb., 22c.; 85c. per 5 lbs.; 12½ lbs., \$2.00; \$3.15 per 25 lbs.; per 50 lbs., \$5.75; per 100 lbs., \$10.00.

Black Leaf 40. A concentrated solution of nicotine sulphate, an excellent spray for black aphids and sucking insects of all kinds; dilutes 1 part from 100 to 1000 parts of water, according to treatment; full directions on each package. 25c. for 1 oz. bottle; ½ lb., 75c.; \$2.50 for 2 lbs.; 10 lbs., \$10.75.

Boro-Wax. For painting trees to destroy and keep away borers. 33c. qt.; ½ gal., 55c.; 1 gal., 95c.; \$4.50 for 5 gals.

Bordeaux Mixture. Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees, etc.

Paste or Pulp Bordeaux. One part dilutes to 50 parts of water. Per qt., 35c.; \$1.00 per gal.; 5 gals., \$4.50.

Quick Bordeaux (in dry form). 1 lb., 25c.; 5 lb. sack makes 25 gals. liquid, price, 90c.; 10-lb. sack makes 50 gals. liquid, price, \$1.60.

Bordeaux Arsenate. Enables one to apply a fungicide and an insecticide at one operation; 1 lb. dilutes to 5 gals. of water. 22c. lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$3.75; \$7.25 for 50 lbs.; 100 lbs., \$13.00.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 38c. per 3 lbs.; per 5 lbs., 55c.; per 12½ lbs., \$1.00; \$7.35 per 100 lbs. (Special Shaker for Bug Death, 25c.)

Carbolineum (*Arvenarius*). A germicide and disinfectant for purifying poultry houses, stables, cow barns, etc., also an excellent wood preserver when used as a paint. \$1.40 per gal. can.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., 60c.; \$1.80 per gallon.

Cut Worm Destroyer (*Reade's*). For killing cut worms, grubs, maggots and other insects that work in the soil; positively a sure remedy; full directions with each package. 1 lb., 23c.; 75c. for 5 lbs.; \$1.15 for 10 lbs.; 25 lbs., \$2.25; \$6.75 for 100 lbs.

Cyanide Sodium. (*For fumigating*.) ¼ lb., 25c.; 60c. lb.

Dalmatian, or Persian Powder. For ridding buildings of all kinds of various insect pests, particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 17c. per ¼ lb.; per lb., 55c.; \$2.50 per 5 lbs.

I. X. L. Compound. An English preparation for spraying; harmless to very delicate plants; kills mealy bug, red spider and all insect pests. In gallon cans only. \$3.25 per gal.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per ½ lb., 30c.; 85c. per 2-lb. can.

Fungine. An excellent article for fungous diseases of all kinds. Qt., \$1.00; \$3.50 per gal.

Grape Dust. A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., 40c.; 70c. per 10 lbs.; per 25 lbs., \$1.70; \$6.00 per 100 lbs.; bbls. of 200 lbs. (bulk), \$11.00.

Hellebore. The ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per ¼ lb., 15c.; 25c. per ½ lb.; per lb., 50c.; per 5 lbs., \$2.25.

Getz-There Soap. For washing palms. 2 lbs., 30c.; 80c. for 8 lbs.; \$2.00 per 25 lbs.; 50 lbs., \$3.50; bbl., 5½c. per lb.

Hydrocyanic Acid Gas. (See bottom of page 105.)

Imp. Soap Spray. For washing palms, etc. 1 gal., \$1.65; \$6.50 for 5 gals.; 10 gals., \$12.00.

Kerosene Emulsion. Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infect rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. 1 lb., 23c.; 90c. for 5 lbs.; 25 lbs., \$2.75.

Kil-o-Scale. Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted 1 part Kil-o-Scale to 20 parts water. Per pt., 32c.; 55c. per qt.; per ½ gal., 80c.; per gal., \$1.25; \$5.25 per 5 gals.; per 25 gals., \$22.50; per 50 gals., \$42.50.



Lemon Oil Insecticide

The Best and Cheapest Insecticide in the Market. Used now by nearly all the leading growers. It effectually destroys Mealy Bug, Scale, Thrip and Red Spider.

Half Pint, 20c.	Pint, 35c.
Quart, 65c.	Half Gal., \$1.10
Gal., \$1.75	5 Gal. Kegs, \$8.00
10 Gallon Kegs, \$15.00	

Lime Sulphur. For destroying San Jose Scale. This is in concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. 22c. qt.; ½ gal., 40c.; 1 gal., 65c.; \$2.00 per 5 gals.; 10 gals., \$3.25; \$5.50 per 25 gals.; 50 gals., \$9.00.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution. Price, 90c. (Postpaid, \$1.05.) With directions.

Lime Sulphur—Modoc Brand (Dry Powder Form). This form of Sulphur is becoming very popular on account of the ease with which it can be handled. It is quite an economy in shipping, as you do not have to pay freight on water. It dilutes at the rate of 1 lb. to 6 gals. of water, and is soluble instantly in cold water. 1 lb., 22c.; 90c. for 5 lbs.; 10 lbs., \$1.35; \$2.75 for 25 lbs.; 50 lbs., \$4.25; \$6.00 per 100 lbs.

Nicoticide. Effective in destroying thrip, aphids, white fly and red spider, etc. 1 oz. bottle, 25c.; 50c. for 2 oz. bottle; ¼ pt., 60c.; per ½ pt., \$1.00; per pt., \$2.00; per qt., \$4.00; \$7.25 per ½ gal.; 1 gal., \$13.50. (Special price in larger quantities.) LAMPS for Nicoticide, 50c. each.

Nicotinana. For spraying and fumigating. \$1.50 per qt.; per gal., \$4.50.

Nicotine (*Grasselli*). 40° per cent. free nikoteen. For spraying, vaporizing, etc. ¼ lb., 40c.; 80c. per ½ lb.; 1 lb., \$1.50; \$2.80 for 2 lbs.; 8 lbs., \$10.50.

Nikoteen. A most satisfactory spray as well as vapor, excellent for green fly in greenhouses. ½ oz., 15c.; 40c. for 1¾ ozs.; ½ pt., 85c.; \$1.50 per pt.; 5 pts., \$7.00; \$13.00 per case of 10 pt. bottles; per ½ gal. (4 lbs.), \$5.00; per gallon (8 lbs.), \$10.00.

MICHELL'S INSECT AND VERMIN DESTROYERS (Continued)

Nicotene Vapor Cones. (See Vapor Cones.)

Fish Oil Soap. For mild forms of Scale, also an excellent summer spray. Dissolved in water according to various purposes. Per ½ lb., 8c.; 15c. per lb.; per 5 lbs., 60c.; \$1.10 per 10 lbs.; per 25 lbs., \$2.50; \$8.00 per 100 lbs.

Fish Oil Soap (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 22c. per 1-lb. can; 5-lb. can, \$1.00; \$4.25 per 25-lb. can; 425-lb. bbl. at 9½c. per lb.

Nico-Fume (Liquid). This is used in very much the same way as Nicotene. Per ¼ lb., 50c.; \$1.50 per lb.; 4 lbs., \$5.50; \$10.50 per 8 lbs.; five 8-lb. cans for \$50.00; \$97.50 for ten 8-lb. cans; twenty 8-lb. cans, \$189.00. Special price for larger quantities.

Nico-Fume. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Per box, 24 sheets, 85c.; \$4.00 per 144 sheets; per 288 sheets, \$7.50; \$35.75 for 5 cans, 288 sheets each; 12 cans, \$84.00; \$162.00 for 24 cans. Special price for larger quantities.

Paris Green. The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of one pound Paris Green to 100 lbs. Land Plaster. 13c. per ¼ lb.; per ½ lb., 22c.; 40c. per lb.; \$1.90 per 5 lbs.; per 14 lbs., \$5.00.

Pyrox (Bowker's). Used for all leaf-biting insects. Dilute 1 lb. to 5 gals. water. 27c. per lb.; 5 lbs., \$1.00; \$1.85 per 10 lbs.; 25 lbs., \$4.25; \$7.50 per 50 lbs.; \$13.50 per 100 lbs.; 300 lbs., \$38.00; \$60.00 per 500 lbs.

Rat Corn. For destroying rats and mice in greenhouses, hotbeds, etc. 15c., 25c., 50c. and \$1.00 per box.

Readeana Rose Bug Exterminator. Used for destroying green fly, mealy bug, blight, mildew, etc. Trial bottle, 25c.; 8 oz., 50c.; \$1.00 per 24 oz.; \$3.75 per gal.

Scalecide (Soluble Crude Oil). Used for the destruction of the San Jose Scale. Dilute at the rate of 1 gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. 45c. per qt.; per gal., \$1.00; \$3.25 per 5 gals.; 10 gals., \$6.25; \$16.50 per 30-gal. bbl.; per 30-gal. jacketed tin, \$15.50; \$25.00 per 50-gal. bbl.

Scale Destroyer (Soluble Oil). A combination of mineral and vegetable oils, and has many excellent scale destroying properties. Dilute at various strengths according to season. Per qt., 35c.; 65c. per ½ gal.; per gal., \$1.00; \$3.75 per 5 gals.; 10 gals., \$7.50; 25 gals., \$12.50; per 50 gals., \$24.00.

Shoo Fly. For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 35c.; \$1.00 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister; per 5 lbs., 35c.; 70c. per 10 lbs.; 25 lbs., \$1.60; \$3.15 per 50 lbs.; 100 lbs., \$6.00. Full bbl. lots (about 250 lbs.), 5c. per lb., f. o. b. Factory; 5½c. per lb., f. o. b. Phila.

Styptic (Thomson's). For use in pruning. \$1.00 per bottle.

Sulphate of Copper. For destroying fungous diseases of all kinds, also used in making Bordeaux mixture. When used as a Bordeaux mixture it requires 4 pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 15c.; \$1.30 per 10 lbs.

Sulphur (Flowers). Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 6c.; 30c. per 5 lbs.; 25 lbs., \$1.25; \$4.00 per 100 lbs.; barrel lots of about 200 lbs. at 3¼c. lb.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 15c. each; per doz., \$1.75; small, 8c. each; per doz., 85c.

Sulpho Tobacco Soap. An excellent article for the greenhouse or conservatory. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package, 8c.; 15c. per 8-oz. package; in 10-lb. cakes, \$2.25 per

Sulphocide. An excellent summer spray for fungous diseases, combining Bordeaux Mixture and Lime Sulphur. 50c. pt.; qt., 75c.; \$2.00 per gal.; 5 gals., \$7.50.

Thrip Juice (Hammond's No. 2). Effective for exterminating Aphis, Red Spider, Mealybug, etc. Pt., 55c.; 90c. per qt.; \$3.10 per gal.

Thymo Cresol (Sheep Dip). This preparation is used for disinfecting, etc. Per 4-oz. bottle, 25c.; 40c. per 8-oz. bottle; 50c. per pt.; per qt., 70c.; \$1.10 per ½ gal.; per gal., \$2.00.

Tobacco Dust. Excellent for dusting on Lettuce and other plants to destroy soft, creeping insects. Per lb., 5c.; 20c. per 5 lbs.; per 10 lbs., 35c.; 75c. per 25 lbs.; 100 lbs., \$2.25; \$10.75 per 500 lbs.

Tobacco Dust (Special Dusting or Special Fumigating). A specially prepared, finely ground article, either kind. 5 lbs., 25c.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$11.25 for 500 lbs.

Tobacco Soap (Sulpho). This is excellent for washing off palms and plants such as Oleanders, Camellias, etc. Soluble in water, making an excellent preparation for washing animals. 3 oz., 8c.; 15c. for 8 oz.; 10 lbs., \$2.25; \$5.00 for 25 lbs.

Tobacco Stems (Fresh). Used principally for fumigating and under benches in greenhouses. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 40c. per bu.; per bbl. bag, 75c.; in bales of about 250 lbs., per 100 lbs., \$1.50; \$12.00 per ½ ton; ton, \$22.00.

To-bak-in-e Fumigating Paper. Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package of 24 sheets, \$1.00; \$4.50 per 144 sheets; \$8.00 per box of 288 sheets. (Supplied to order.)

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Per lb., 32c.; 3-lb. cans, 80c.; 10-lb. cans, \$2.60; 20-lb. cans, \$5.00.

Vaporite. Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 to 1½ lbs. is enough for a cubic yard of soil (about 1 cart load). 50c. per 5 lbs.; 25 lbs., \$2.00; \$3.75 per 50 lbs.; per 100 lbs., \$7.00.

Vapor Cones (Lethorion Nicotine). An English invention, providing nicotine in a solid form; these cones are used for fumigating. No. 1 will fumigate 750 cubic feet. 15c. each; doz., \$1.35. No. 2 will fumigate 1500 cubic feet. 20c. each; doz., \$2.00. No. 3 will fumigate 2500 cubic feet. 25c. each; doz., \$2.50.

Vermine. For sterilizing soil to destroy worms, maggots, etc. Stock is unobtainable at this time.

Worm Destroyer. Used extensively, being applied to grass plots, putting greens, etc. *Michell's Brand.* Unobtainable at this time due to European complications. *Carter's Brand.* In 100-lb. bags only. Price on this article, owing to the uncertainty of supply, will be quoted on application.

Worm Eradicator (Reade's Electric). Used indoors as well as outdoors, for destroying worms in pots, tubs, benches; in tennis courts and putting greens. Apply with a sprinkling can or otherwise. Small size, 25c.; 8 oz., 50c.; \$1.00 for 24 ozs.; gal., \$3.75.

Zenoleum. A germicide and disinfectant. Liquid ½ pt., 25c.; 50c. qt.; ½ gal., 90c.; gal., \$1.50.

HYDROCYANIC—ACID GAS—SODIUM CYANIDE (Fused 96-98%) FUMIGATION as given to us by a practical gardener. Very poisonous to human beings and animals. Put four ounces of water in a galvanized iron pail, add to this two ounces of Sulphuric Acid, wrap an ounce of Sodium Cyanide in paper and place it in the bucket which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for 1000 cubic feet of space. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the only and best remedy to absolutely kill the white fly. It is claimed that it will not injure the most delicate plant if used according to directions, but the user should take good care of himself. Sodium Cyanide, ¼ lb., 25c.; 75c., lb. We do not supply Sulphuric Acid, as this can best be procured locally.

Our List embraces the very best and most modern kinds. We are headquarters in Philadelphia, and can quote special prices on carload quantities.

Prices Subject to
Market Changes

Animal Bone and Potash. An ideal fertilizer for most all farm and garden crops. Apply 400 to 600 lbs. per acre. 200 lbs., \$3.50; \$15.00 per ½ ton; ton, \$29.00.



Ashes. Canadian Hard Wood. Apply 1000 lbs. per acre. For top dressing lawns and grass fields, it is applied to best advantage either in very early spring or late fall. 25c. per 10 lbs.; 25 lbs., 40c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200-lb. barrel; per ton, \$25.00.

Ashes. Domestic Hard Wood.

These are burned and prepared by a nearby concern, and on account of savings in transportation, we are able to furnish this article at a much reduced rate. Excellent for top dressing lawns or grass fields, or for mixing with potting soil. Not less than 100 lbs. sold. \$1.25 per 100 lbs.; 200 lbs. for \$2.00; \$9.00 per ½ ton; ton, \$15.00.

Acid or Rock Phosphate. Apply 100 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$2.25; \$18.00 per ton.

Asparagus Fertilizer (Pure Bone and Potash). A mixture that promotes the root and top growth. Apply 600 lbs. per acre. 75c. per 25 lbs.; 50 lbs., \$1.15; \$1.85 per 100 lbs.; 200 lbs., \$3.50; \$30.00 per ton.

Basic Slag. (See Phosphate.)

Bon Arbor. A concentrated chemical fertilizer similar to Bonora, but less expensive; used in liquid form according to directions. LIQUID: \$1.80 per gal.; 5 gals., \$8.50. POWDER, dilutes 1 lb. to 30 gals. water: 1 lb., 45c.; 5 lbs., \$1.60; \$11.00 per 50 lbs.; 100 lbs., \$18.00.

Blood (Dried). Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.90 per 50 lbs.; 100 lbs., \$3.50; \$6.75 per 200 lbs.; per ton, \$62.00.

Blood Flour. Apply 200 lbs. per acre. Much like dried blood, except that it is finer and acts almost instantly. (Price, f. o. b. Chicago, \$4.00 per 100 lbs.; 200 lbs., \$7.75; \$35.50 per ½ ton; per ton, \$70.00.) Price, f. o. b. Philadelphia, 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.; 1000 lbs., \$40.00; \$78.00 per ton.

Bone, Pure Fine Ground. For top dressing, potting soil, etc., not quite so high in analysis as the "Special Florists' Brand." \$2.20 per 100 lbs.; 200 lbs., \$4.00; \$36.00 per ton.



Bone Meal (Michell's Special Florists' Brand).

Apply 600 to 800 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 15c.; 22c. for 5 lbs.; 10 lbs., 40c.; 80c. per 25 lbs.; 50 lbs., \$1.25; \$2.35 per 100 lbs.; 200 lbs., \$4.50; \$22.00 per ½ ton; per ton, \$41.00.

Bone (Coarse Cracked). For use in making up compost or soil heaps. 200 lbs., \$5.75; \$50.00 per ton.

Bone (Coarse Ground). Apply 600 to 800 lbs. per acre. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., 75c.; \$1.35 per 50 lbs.; 100 lbs., \$2.50; \$4.75 per 200 lbs.; per ton, \$43.00.

Bone Flour (Pure). Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately, can be used for indoor or outdoor purposes. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.40 per 50 lbs.; 100 lbs., \$2.50; \$4.50 per 200 lbs.; ton, \$37.50.

Bone Flour (Special Superfine Grade). Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. Get a sample of this. Packed in 100-lb. bags only. Price, f. o. b. Philadelphia, \$2.75 per bag; 200 lbs. for \$4.75; \$20.00 for 1000 lbs.; \$39.00 per ton. Price, f. o. b. Chicago, 500 lbs., \$9.00; \$34.00 per ton.

Chrysanthemum Manure (Thomson's Special). Especially recommended and used by the leading gardeners of England and America. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.25; per 56-lb. sack, \$7.00.

Climax Lawn Sand. (See Lawn Sand.)

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 5 lbs., 50c.; 95c. per 10 lbs.; 28 lbs., \$1.80; \$3.50 per 56 lbs.; 112 lbs. \$6.50.

Copperas (Sulphate of Iron). For destroying weeds as well as acting as a gentle fertilizing stimulant; it dilutes 100 lbs. to 50 gals. of water, which is sufficient to spray an acre. 25 lbs., 90c.; \$1.60 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.

Cotton Seed Meal. Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 5 lbs., 23c.; 38c. per 10 lbs.; 25 lbs., 80c.; \$1.45 per 50 lbs.; 100 lbs., \$2.75; \$25.00 per ½ ton; ton, \$46.50.

Corn Phosphate. (See Phosphate.)

Cow or Cattle Manure (Pulverized). Thoroughly sterilized and weedless. Price, f. o. b. Chicago, 100 lbs., \$1.25; \$5.50 for 500 lbs.; 1000 lbs., \$9.50; \$18.00 per ton. Price, f. o. b. Philadelphia, \$1.50 per 100 lbs.; 500 lbs., \$7.25; \$14.00 per ½ ton; ton, \$26.00.

Cow or Cattle Manure (Shredded).

One sack of this is equal to one cartload of fresh cow manure. F. o. b. Philadelphia, 25 lbs., 50c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$7.00 per 500 lbs.; 1000 lbs., \$13.00; \$25.00 per ton. F. o. b. Chicago, 100 lbs., \$1.25; \$5.00 per 500 lbs.; 1000 lbs., \$9.00; \$17.00 per ton.



Dissolved Bone. Apply 600 to 800 lbs. per acre. Used principally for indoor culture, although it is highly recommended for a grass top dressing. 200-lb. sacks only, \$4.00; \$36.00 per ton.

Fish Guano or Dried Fish. Apply 300 to 400 lbs. per acre. In 200-lb. sacks only, \$6.25; \$57.50 per ton.

Farmo-Germ. A nitrogen-gathering bacteria to be used when planting or sowing seed of leguminous plants, such as clover, peas, beans, etc. Ask for special pamphlet on Farm-Germ. Garden (¼-acre) bottles, 50c.; \$1.50 per acre bottle; 5-acre bottles, \$5.00. Always specify in order for what crop Farm-Germ is desired.

Guano (Peruvian Substitute). Of very high analysis in all necessary plant food elements and extensively used in place of Peruvian guano, which has become extremely scarce. In 200-lb. bags only, \$4.75 per sack; per ½ ton, \$22.50; \$43.00 per ton.

Horse Manure. (See Manure.)

Humus (Alphano). This material is a natural deposit of decomposed vegetable matter from the bottom of a drained lake. Flowers, vegetables, grass and other crops thrive luxuriantly where Alphano is used. (See insert opposite page 56 for full description.)

Price of Natural Humus

(Smallest quantity sold in 100-lb. bags.)

	F. o. b. Factory	F. o. b. Phila.
100-lb. bag.....	\$0.75	\$1.00
500 lbs.....	3.00	4.50
1000 lbs.....	5.00	7.50
1 ton.....	8.00	12.00
Carload lots in bags (minimum car, 20 tons), ton, \$7.00.		
Carload lots in bulk (minimum car, 30 tons), ton, \$5.00.		

Price of Alphano Humus Prepared

	F. o. b. Factory	F. o. b. Phila.
5-lb. bag.....		\$0.20
25-lb. bag.....		.55
50-lb. bag.....		.80
100 lbs.....	\$0.95	1.15
500 lbs.....	4.25	5.00
1000 lbs.....	6.50	8.50
1 ton.....	12.00	15.00
Carload lots in bags (minimum car, 20 tons), ton, \$10.00. } f. o. b.		
Carload lots in bulk (minimum car, 30 tons), ton, \$8.00. } factory		

MICHELL'S HIGH GRADE FERTILIZERS

107

ALL PRICES SUBJECT TO MARKET CHANGES

Horn Shavings. Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 30c.; \$1.15 per 25 lbs.; 50 lbs., \$2.20; \$4.00 per 100 lbs.

Kainit (Potash Salts). Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. On account of European complications we are unable to print prices on Kainit; will fill orders at lowest prevailing rates.

Land Plaster. Apply about 1000 to 1500 lbs. per acre. For top dressing, sour and wornout soils, also for mixing with Paris Green. 25c. per 25 lbs.; 50 lbs., 35c.; 60c. per 100 lbs.; 200 lbs., \$1.25; \$10.00 per ton.



Lawn Dressing (Michell's Odorless). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.60 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; per ton, \$40.00.

Lawn Sand (Climax). A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the package. 3½-lb. tin, 40c.; 75c. for 7 lbs.; \$1.15 per 14-lb. tin;

28 lbs., \$2.00; 56 lbs., \$3.50; \$5.75 per 112-lb. keg; 560 lbs., \$27.50.

Limestone (Pulverized). For applying on sour and worn-out soils at the rate of 1 ton per acre. Put up in 100-lb. bags; no less quantity sold. 85c. per bag; 1000 lbs., \$5.50; \$9.00 per ton.

Lime (Hydrated or Powdered). For mixing with earth or other purposes where a soil sweetener is needed. 100-lb. sack, 90c.; 500 lbs. for \$4.00; \$6.50 per 1000 lbs.; \$11.00 per ton.

Manure. At short notice we can usually supply first-class horse, cow and stock-yard Manure in carload lots only. Prices quoted on request.

Mulford's Culture (Bacteria for Legumes). For inoculating clover, legumes, etc. Trial size for peas and beans, 25c.; ¼-acre size, 50c.; \$1.50 per acre bottle; 5-acre bottle, \$5.00 ("a dollar per acre").

MAPES FERTILIZERS. No less than a 20-lb. sack of Mapes Fertilizer can be supplied.

	F. o. b. Factory 200 lbs. Ton	F. o. b. Phila. 200 lbs. Ton
Corn Manure	\$3.75 \$36.00	\$4.25 \$41.00
Potato Manure	4.50 43.00	5.00 47.50
General Crop (for all crops).....	3.50 28.00	4.00 34.00



Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. On account of European complications when this catalogue was printed we were unable to quote prices on potash; will fill orders at lowest prevailing rates.

Plant Food (Bowker's). Small pkgs., 13c. each; doz., \$1.35; \$10.50 per 100; large pkgs., 20c.; \$2.25 per doz.; per 100, \$16.00.

Plant Food (Michell's). 10c. per 6-oz. pkg.; \$1.00 per doz.; per 100, \$8.00.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., \$1.35; \$2.50 per 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.; ½ ton, \$12.00; \$80.00 per ton.

Phosphate (High Grade Ammoniated). For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 90c. per 50 lbs.; 100 lbs., \$1.75; \$3.25 per 200 lbs.; \$27.50 per ton.

Phosphate for Corn (H. G. Potash Mixture). Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of either field or sugar corn. 200 lbs., \$3.00; \$12.50 per ½ ton; ton, \$24.00.

Phosphate (Michell's Hi-Grade Potato). Apply 400 to 600 lbs. per acre. The best fertilizer for potatoes, being especially rich in every ingredient on which potatoes thrive. 200 lbs., \$4.00; \$18.00 per ½ ton; ton, \$35.00.

Phosphate (Basic Slag). Used extensively for top dressing lawns, grass and grain lands. Contains the proper elements to produce a rich, luxuriant growth. Apply 600 to 800 lbs. per acre. Price on application

Potato Manure. Apply 400 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.25 per 200 lbs.; ton, \$30.00.

Poudrette (Native Guano). Apply 1000 lbs. per acre. Extensively used for gardens, lawns, in making compost, and in fact wherever a good, quick-acting fertilizer is wanted. It is odorless and easily handled. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 50 lbs., 90c.; 100 lbs., \$1.50; \$2.50 per 200 lbs.; 600 lbs., \$6.75; \$10.00 per 1000 lbs.; per ton, \$18.00.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 25c. per 25 lbs.; 85c. per 100 lbs.; 200 lbs., \$1.50; \$10.50 per ton.

Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. Prices, f. o. b. Philadelphia, 20c. per 5 lbs.; 10 lbs., 30c.; 50c. per 25 lbs.; per 100 lbs., \$1.60; 500 lbs., \$7.50; \$14.50 per 1000 lbs.; per ton, \$28.00.



Sheep Manure (Wizard Brand). F. o. b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs., \$1.40; \$6.75 per 500 lbs.; 1000 lbs., \$12.00; \$22.00 per ton.

Soot (Imported Scotch). This is used principally for bringing a good, healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 25c.; 40c. for 10 lbs.; 75c. per 25 lbs., 112 lbs., \$3.25; \$15.00 for 560 lbs.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., \$1.25; \$4.75 100 lbs.; 200 lbs., \$9.00.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. Prices are not established on account of European complications; will fill orders at lowest rates.

Tankage (Magic Fertilizer). This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; ton, \$32.00.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.50.

Wheat Fertilizer. For grass and grain crops. Apply 500 to 600 lbs. per acre. 200 lbs., \$3.00; \$13.50 per ½ ton; per ton, \$26.00.

Tobacco Stems. For fumigating, mulching and fertilizing. Lb., 5c.; per bushel, 40c.; 75c. per barrel sack; in bales of about 250 lbs., \$1.50 per 100 lbs.; ½ ton, \$12.00; ton, \$22.00.

Wood Ashes. See ashes at top of opposite page.



We are prepared to furnish analysis of all Fertilizers we sell

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MICHELL'S WIRE DESIGNS

WHEN ORDERING PLEASE STATE NUMBER AND SIZE

Carefully and
Substantially Made

ANCHORS—FLAT.

No. 1.

10 inch...each \$0.11	20 inch...each \$0.23
12 inch...each .13	22 inch...each .26
14 inch...each .15	24 inch...each .36
16 inch...each .17	30 inch...each .68
18 inch...each .21	36 inch...each 1.10

ANCHORS ON BASE.

No. 3.

STANDING ANCHORS.

Measure not including base.

10 inch...each \$0.19	20 inch...each \$0.44
12 inch...each .22	22 inch...each .50
14 inch...each .27	24 inch...each .55
16 inch...each .32	30 inch...each 1.10
18 inch...each .38	36 inch...each 1.65

ANCHOR AND CROSS.

No. 13.

12 inch...each \$0.13	21 inch...each \$0.27
15 inch...each .16	24 inch...each .33
18 inch...each .20	

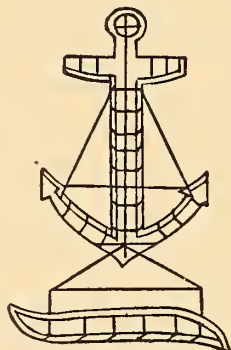
ANCHOR AND CROSS STANDING.

Measure not including base.

12 inch...each \$0.24	21 inch...each \$0.44
15 inch...each .27	24 inch...each .55
18 inch...each .38	

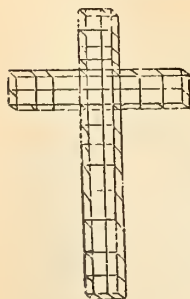
ANCHOR OR RECLINING STAND.

No. 2.



12 inch...each \$0.30	20 inch...each \$0.50
14 inch...each .35	22 inch...each .60
16 inch...each .40	24 inch...each .85
18 inch...each .45	

CROSSES No. 74.



10 inch.....each \$0.06
12 inch.....each .07
14 inch.....each .08
16 inch.....each .09
18 inch.....each .10
20 inch.....each .11
22 inch.....each .13
24 inch.....each .15
26 inch.....each .18
28 inch.....each .22
30 inch.....each .25
32 inch.....each .30
34 inch.....each .35

CROSSES ON STAND.

No. 75.

10 inch...each \$0.15	22 inch...each \$0.35
12 inch...each .17	24 inch...each .40
14 inch...each .20	26 inch...each .55
16 inch...each .23	30 inch...each .80
18 inch...each .25	36 inch...each 1.10
20 inch...each .30	

CROSSES, FLAT SLANTING.

12 inch...each \$0.08	22 inch...each \$0.16
14 inch...each .09	24 inch...each .20
16 inch...each .10	26 inch...each .24
18 inch...each .12	30 inch...each .33
20 inch...each .14	36 inch...each .45

CASKET CROSSES.

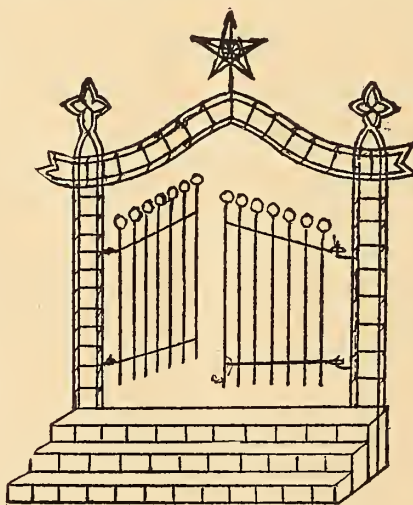
No. 71.

12 inch...each \$0.12	24 inch...each \$0.25
14 inch...each .14	26 inch...each .30
16 inch...each .16	30 inch...each .40
18 inch...each .18	34 inch...each .50
20 inch...each .20	36 inch...each .60
22 inch...each .22	

CROSS ON RECLINING STAND, WITH LETTERING FRAME.

No. 78.

12 inch...each \$0.30	24 inch...each \$0.75
14 inch...each .35	26 inch...each .85
16 inch...each .45	28 inch...each .90
18 inch...each .55	36 inch...each 1.50
20 inch...each .60	



GATES AJAR.

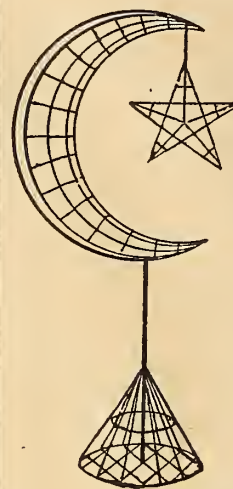
No. 113. Single Gates. Gilded.

Whole Height, Steps and Star, include measure.

15 inch high, 1 step.....each \$0.80
18 inch high, 1 step.....each .90
21 inch high, 2 steps.....each 1.00
24 inch high, 2 steps.....each 1.25
27 inch high, 2 steps.....each 1.50
30 inch high, 3 steps.....each 2.00
33 inch high, 3 steps.....each 2.25

CRESCENT.

No. 58



8 inch...each \$0.10
10 inch...each .12
12 inch...each .15
14 inch...each .18
16 inch...each .20
18 inch...each .22
20 inch...each .25
22 inch...each .30
24 inch...each .35

CRESCENT AND STAR ON STAND.

No. 61.

10 inch...each \$0.25
12 inch...each .30
14 inch...each .35
16 inch...each .40
18 inch...each .50
20 inch...each .55
22 inch...each .70
24 inch...each .80

EASELS.

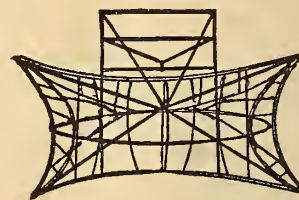
No. 92.

A very pretty Stand for Designs.

15 inch...each \$0.08	27 inch...each \$0.18
18 inch...each .10	30 inch...each .22
21 inch...each .12	36 inch...each .30
24 inch...each .15	42 inch...each .40

HORSE SHOES No. 129.

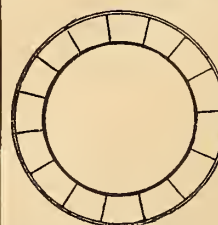
12 inch...each \$0.15	24 inch...each \$0.40
14 inch...each .18	26 inch...each .55
16 inch...each .20	28 inch...each .65
18 inch...each .25	30 inch...each .75
20 inch...each .30	33 inch...each .90
22 inch...each .35	36 inch...each 1.10



PILLOWS—FLAT No. 169.

10 inch...each \$0.10	20 inch...each \$0.20
12 inch...each .12	22 inch...each .22
14 inch...each .14	24 inch...each .30
16 inch...each .16	26 inch...each .35
18 inch...each .19	28 inch...each .40

WREATHS No. 220.



8 inch....each \$0.05
10 inch....each .07
12 inch....each .09
14 inch....each .11
16 inch....each .14
18 inch....each .17
20 inch....each .20
22 inch....each .24
24 inch....each .27

For moss, tinfoil and toothpicks, see page 101. For stemming wire, see page 102.

All prices subject to Market Changes

(hi)

MICHELL'S SPECIALTIES FOR THE FLORIST

Alphano Humus



It is very desirable for greenhouse and flower garden work, also for lawns and vegetables. It is rich in Ammonia, Phosphoric Acid, Potash and Lime, and shows an analysis of between 77 and 80 per cent. of Humus.

For pot plants mix about $\frac{1}{3}$ of the Humus with $\frac{2}{3}$ of regular potting.

For lawns and greenhouse benches it is applied as a top dressing from $\frac{1}{2}$ to 1 inch in depth, which should be then worked in.

The following quantities are required to effectively cover an acre, depending upon the liberality with which it is applied. If applied $\frac{1}{2}$ inch in thickness, 30 tons per acre; if 1 inch thick, 60 tons per acre; if 2 inches thick, 120 tons per acre; and for general lawn work, as a top dressing, 100 lbs. will effectively treat about 800 square feet. One ton will effectively treat about one-third acre. Of course, smaller quantities applied are beneficial in proportion to the application.

PRICE OF NATURAL HUMUS

(Smallest quantity sold is 100 lbs.)

	F. O. B. Factory	F. O. B. Phila
100 lb. bag.....	\$0.75	\$1.00
500 lbs.	3.00	4.50
1000 lbs.	5.00	7.50
1 ton	8.00	12.00
Carload lots in bags (min. car, 20 tons), ton	7.00	
Carload lots in bulk (min. car, 30 tons), ton	5.00	

PRICE OF ALPHANO PREPARED HUMUS

	F. O. B. Factory	F. O. B. Phila.
5 lb. bag.....		\$0.20
25 lb. bag.....		.55
50 lb. bag.....		.80
100 lb. bag.....	\$0.95	1.15
500 lbs.	4.25	5.00
1000 lbs.	6.50	8.50
1 ton	12.00	15.00
Carload lots in bags (min. car, 20 tons), ton	10.00	
Carload lots in bulk (min. car, 30 tons), ton	8.00	

Michell's Keystone Plant Tubs

Plants, large or small, appear always to better advantage when planted in tubs instead of pots. They are easier handled because they are much lighter in weight; they are more attractive and bring a higher price. Tubs have welded hoops, except bottom hoop, which is flat (and neat handles, when desired, at extra prices, as mentioned below). Unlike pots, they do not break, nor do they require special packing when used in shipping. Made of white cedar, they are by far the *cheapest, neatest, lightest and best* florist tub put on the market.

Size No.	Top Diam.	Inside Depth	Each	Doz.	Per 100
1	6	6	\$0.30	\$3.25	\$25.00
2	7	7	.32	3.50	26.00
3	8	8	.35	3.75	27.50
4	9	9	.40	4.00	30.00
5	10	9	.45	4.75	35.00
6	11	10	.55	5.75	42.50
7	12	11	.65	6.25	50.00
8	13	12	.75	8.00	62.50
9	14	13	.85	9.25	72.50
10	15	14	.90	10.00	77.50
11	16	15	1.00	11.00	87.50
12	17	16	1.20	13.00	105.00
13	18	17	1.40	15.00	117.50
14	19	18	1.80	19.00	150.00

If stamped steel side handles are wanted add 8c. a pair to the price of each Tub in single or dozen lots; 7c. a pair in 100 lots.

SPECIAL PAIL TUB No. 2

The best low-priced palm Tub on the market, painted green, with electrically welded hoops. Made of best quality Southern cedar, and is a Tub of a kind the florist can afford to buy by the hundred, they are so cheap. There is no comparison between a plant in a tub and a plant in a pot. The former will always command an extra price that will more than offset the cost of the Tubs several times. Diameter inside, 10 $\frac{3}{4}$ inches at top; diameter inside, 8 $\frac{3}{4}$ inches at bottom; depth, 8 inches. 35c. each, dozen \$3.50, \$26.00 per 100. Be sure and specify Pail Tub when ordering this.

Prices subject to Market Changes

(hi)

Wizard Brand Manures (Free from Weeds)

For Florists, Market Gardeners
and Fruit Growers' Use,
Also All Field Crops



ANIMAL MANURE IS NATURE'S FERTILIZER

Its value and usefulness is best evidenced by its scarcity wherever intensive cultivation is carried on. The local supply is never equal to the demand among experienced growers who know that nothing will take the place of good manure.

Wizard Manures are the richest and strongest of all animal manures, and Wizard Brand is an unusual quality of pure manure accumulated in the West, where millions of sheep and cattle are fattened for market.

FOR THE GREENHOUSE

The advantage of Wizard Brand Manure in greenhouse culture has made this brand a standard among the best growers all over the country. Its absolute purity, freedom from mixture, convenient, highly concentrated form, makes it almost indispensable to every greenhouse grower.

It eliminates the use of objectionable stable manure, and with a few bags of each kind in your storehouse you are prepared for feeding or mixing pot and bench soil just as needed.

WIZARD BRAND MANURES

Are prepared by a special drying, screening and grinding process which destroys every weed seed and eliminates every bit of worthless bedding and foreign matter. Only the pure fertilizer in most concentrated and effective form is packed in bags for convenient and economical use.

WIZARD BRAND MANURES

For greenhouse, vegetable and fruit growing both kinds are used in place of stable manures and are much more convenient, effective and economical, because they are concentrated, easily handled and applied.

FOR FIELD CROPS

For fruits, vegetables and grain in the field there is nothing equal to good manure. The peculiar action of the humus and organic matter it supplies and the effect of these on both soil and plant are well known to every experienced grower. Chemicals and manufactured fertilizers can never take the place of manure in the soil.



See top of next column for price on Sheep Manure.

WIZARD BRAND PULVERIZED SHEEP MANURE

This is probably the most extensively used of animal manures by the florist and market gardener. The analysis shows it to be a perfectly balanced plant food.

Pulverized Sheep Manure acts quickly and is invaluable for carnations, mums and other crops that require a quick stimulant at certain stages of development or because of unfavorable weather conditions.

Pulverized Sheep Manure

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia.....	\$1.60	\$7.50	\$14.50	\$28.00
F. o. b. Chicago.....	1.40	6.75	12.00	22.00

Special prices in carload lots.



WIZARD BRAND SHREDDED CATTLE OR COW MANURE

This is carefully selected manure taken from brick-paved cattle pens at Western Stock Yards, where the highest quality of Cattle Manure is available in large quantities. It is kept entirely separate from other manures and is reduced by the Wizard Brand process of direct heat drying and screening, but is packed in coarse, shredded form instead of being finely pulverized.

Shredded Cattle Manure is slower acting, and is especially suited to every need of the rose grower for soil mixing, mulching and liquid manuring. It is used by many of the largest rose growers in this country.

Shredded Cow or Cattle Manure

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia.....	\$1.50	\$7.00	\$13.00	\$25.00
F. o. b. Chicago.....	1.25	5.00	9.00	17.00

Wizard Pulverized Cow or Cattle Manure

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia.....	\$1.50	\$7.25	\$14.00	\$27.00
F. o. b. Chicago.....	1.25	5.50	9.50	18.00

Special prices in carload lots.

SPECIAL NOTE

Shipment of Wizard Brand Manures can be made direct from Chicago at the prices named above. This means a considerable saving in freight for many customers residing elsewhere than adjacent to Philadelphia. Freight rates cheerfully quoted from Chicago to your R. R. Station. Recently the freight rates on this commodity to southern points have been considerably reduced, and purchasers there may make considerable savings in freight over former rates.

Henry F. Michell Co., 518 Market Street, Philadelphia.